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Melrose, Massachusetts













1885/86

# REPORTS

OF THE

## TOWN OFFICERS OF MELROSE

FOR THE

FINANCIAL YEAR ENDING DECEMBER 31, 1885.

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MELROSE :

PRINTED BY THOMAS W. RIPLEY.

1886.

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## TOWN OFFICERS FOR 1885-6.

---

Selectmen, Overseers of the Poor and Highway Surveyors.

LEVI S. GOULD.

HENRY G. FIELDS.

JOHN K. CURRIER.

---

Town Clerk.

JOHN LARRABEE.

---

Treasurer.

GEORGE NEWHALL.

Collector.

M. F. EASTMAN.

---

Assessors.

GEORGE C. STANTIAL.

GEORGE F. BOARDMAN.

GILBERT N. HARRIS.

---

Water Commissioners.

WINGATE P. SARGENT, *Chairman* . . . Term expires 1887.

WILBUR D. FISKE . . . " " 1886.

JOHN R. JONES . . . " " 1888.

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Superintendent of Water Works and Clerk of Board of Water  
Commissioners.

ADDISON LANE.

---

Commissioners of Water Loan Sinking Fund.

DANIEL RUSSELL, *Chairman* . . . Term expires 1887.

ROYAL P. BARRY . . . " " 1888.

JOHN W. FARWELL . . . " " 1886.

---

School Committee.

CLIFTON FLETCHER, *Chairman* . . . Term expires 1886.

MRS. MARTHA A. ADAMS . . . " " 1886.

MRS. SARAH W. BRADBURY . . . " " 1887.

MRS. A. K. MILLER . . . " " 1888.

THOMAS W. RIPLEY . . . " " 1887.

S. ROBERTSON WINCHELL . . . " " 1888.

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Trustees of the Public Library.

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THOMAS B. PECK.

CHARLES C. BARRY.

HANNAH LYNDE.

RUBY F. FARWELL.

## TOWN OFFICERS FOR 1885-6.

## Auditors.

JOHN R. NORTON.

FRANK E. ORCUTT.

WALTER I. NICKERSON.

## Constables.

ANSEL B. PIERCE.

FRANK M. McLAUGHLIN.

HENRY B. NEWHALL.

## Registrars of Voters.

ALFRED HOCKING, *Chairman* . . . Term expires May 1, 1887.

WALTER BABB . . . " " " 1886.

JOHN B. SOUTHER . . . " " " 1888.

JOHN LARRABEE, *Town Clerk* . . .

## Representative in the General Court.

JOHN LARRABEE.

## Engineers of the Fire Department.

A. WILBUR LYNDE, *Chief*.

WALTER B. ELLIS.

JOHN SINGER, JR., *Clerk*.

## Measurers of Wood and Bark, Weighers of Hay and Coal.

SETH E. BENSON.

M. F. EASTMAN.

## Surveyor of Lumber.

HENRY A. LEONARD.

## Committee on Cemeteries.

GEORGE NEWHALL.

DANIEL RUSSELL.

JOHN LARRABEE

## Fence Viewers.

DEXTER PRATT.

JOSEPH S. EASTMAN.

## Field Drivers.

OTIS HOWARD.

FRANK GIBBONS.

HENRY B. NEWHALL.

## Police Officers.

FRANK M. McLAUGHLIN, *Chief*.

A. WILBUR LYNDE.

HENRY B. NEWHALL.

OSBORNE E. DROWN.

CHARLES T. STEVENS.

CHARLES H. FULLER.

R. M. RAND.

HENRY OSBORNE.

## REPORT OF SELECTMEN.

---

*To the Citizens of Melrose:*

We respectfully submit our report for the financial year ending December 31, 1885.

### HIGHWAYS, SIDEWALKS, CROSSINGS AND GUTTERS.

The highways have been kept in as good condition as the amount placed at our disposal would, with the most careful and economical management, admit. During the summer several severe rainfalls, partaking almost of the nature of a deluge, occasioned great damage and expense, especially on the hillsides. We think it would prove a matter of economy in the end to appropriate a sum sufficient to concrete gutters on both sides of the streets of each prominent hill in town, thus remedying in part the wash-outs that are sure to occur during heavy rains. Many concrete walks are old, worn and cracked, and should be repaired during the coming summer. The system for laying new concrete walks, so successful and satisfactory heretofore, should be continued, the town paying one half and the abutters the remainder. Many streets have minor defects, not in any sense dangerous, yet they cause disparaging comment when placed in comparison with the smoothly graded tracks of some neighboring communities, where money is expended with a liberal hand, the best quality of gravel obtainable, or perhaps the macadamizing process in vogue. To raise our streets to the highest standard consistent with the financial condition of the town, should be our constant aim. When we consider that our mileage, now large, through the acceptance of new streets is constantly increasing, and the appropriation remains about

the same or even less than in some years of former times, it is not strange that your board of selectmen find it difficult to accomplish all they or the public may desire, with the funds at their command. For the improvement of our highways, sidewalks, crossings and gutters we think it wise to recommend an outlay that shall be liberal, yet not extravagant ; economical, yet not parsimonious.

#### DRAINAGE.

The matter of drainage should receive serious consideration, several places needing attention. In the vicinity of the Melrose station, the land is so near a dead level, notably opposite Mr. Deering's lumber yard, that surface water collects, and there remains in pools and puddles until evaporated. This should be remedied by a drain-pipe sewer, if it cannot be disposed of in any other less expensive way.

#### PARKER STREET AND FOSTER STREET EXTENSION.

These streets were accepted by the town at a meeting held November 10, after being duly reported by the selectmen.

#### WASHINGTON STREET.

Some six years ago the county commissioners widened and straightened this county way from the Malden to Stoneham line. With the exception of a short distance adjoining the Fells rubber factory, and also opposite the estate of Hon. Daniel Russell, corner of Trenton street, nothing of consequence had been accomplished by our predecessors. This board having received orders from the county commissioners to proceed with the work, and it being apparent that their honorable body could not be longer kept at bay with promises unperformed, the town authorized the treasurer, at a meeting held October 5, to borrow the sum of two hundred dollars to be applied to this street. This sum we expended, just at commencement of winter, on a bad section opposite the

estate of William Cook, Esq., making as great an improvement as possible with so small an amount. To carry out the plans of the county commissioners will involve an expenditure variously estimated from twelve to eighteen hundred dollars. At certain seasons, mainly in the spring of the year, portions of this road are in bad condition and ought to receive special repairs, exclusive of the widening and straightening, as ordered by the commissioners, which order cannot be indefinitely delayed.

#### ORRIS AND WARREN STREETS.

At an adjourned meeting held November 12, 1884, the town voted to accept both these streets "when the several parties owning land upon the same shall release all claims for damages to the town." The abutters having complied with your requirements as above expressed, petitions were presented to this board to put the streets in proper repair. To render them *even safe* for public travel necessitated a larger outlay than remained at our command, whereupon the town instructed us at a meeting held October 5 to expend the sum of eight hundred dollars thereon. They have both been well and thoroughly built to grade, and a most substantial culvert built for the brook running under Warren street, which must last for generations.

#### TREMONT STREET SIDEWALK.

We were instructed by the town to build a sidewalk on Tremont street, from Melrose street south. This has been constructed of plank and gravel, in as good and substantial a manner as the appropriation would warrant.

#### DRINKING FOUNTAIN, CORNER MAIN AND UPHAM STREETS.

Agreeable to your vote, we have caused to be cut upon the stone drinking fountain the following inscription, viz., "Erected A.D. 1884."

## STREET LIGHTS.

Five new posts and lanterns have been placed by the selectmen, on petition of citizens, in various parts of the town. Six new posts and lanterns, presented by various individuals, have been accepted in behalf of the town, and lighted in accordance with usual custom. The number of kerosene lamps now lighted are 132 ; gas, 29 : total, 161.

## PERAMBULATION OF TOWN LINES.

In company with the selectmen of Stoneham and Saugus, we have perambulated the lines between Melrose and these towns, finding all monuments in proper position and in good condition.

## BOARD OF HEALTH.

(J. K. Currier, Chairman.)

Judging from the number of complaints made to the board of health during the past year for abatement of nuisances, &c., we are of the opinion that the fear of cholera caused our citizens to be more particular as regards their sanitary condition than heretofore. Fortunately we have been spared a visit of that or any other epidemic. The most prevalent contagious disease reported to the board has been scarlet fever, with isolated cases of diphtheria. Fumigation has been resorted to by an officer appointed for that purpose whenever a contagious disease has been reported to this board, unless previously attended to by occupants of the premises. While there are two or three places in which nuisances now exist, needing special attention as soon as the weather permits, still we think as a whole the town has reason to congratulate itself upon its sanitary condition and the general condition of the public health during the past year.



## POOR DEPARTMENT.

(H. G. Fields, Chairman.)

One hundred and nineteen persons, including children, have been more or less aided within the year, sixty-seven of whom have their legal settlements in Melrose. Of this number twenty have received full support during the whole or a part of the year; namely, ten sane persons, eight insane and two idiotic.

Of those who were foreign born, thirteen are from England and the British Provinces, and nineteen from Ireland.

Fifty-two persons have received aid who were chargeable to the state, or to towns within the state, for whom we have been or are to be reimbursed, as may be seen by reference to the financial table of this department.

Two truants have been sentenced to the Lowell Reformatory Institution for Boys, who are chargeable to the town.

Two persons on the full support list of poor have died within the year.

There have been seventy-seven tramps lodged in the lock-up within the year.

## VASE ON TOWN HALL LOT.

To the Melrose Improvement Society we are indebted for the beautiful vase adorning the Essex-street entrance to the town hall. Great credit is due this society for the public spirit shown by them, not only in this appropriate gift, but in planting trees and otherwise embellishing the streets and parks of our town.

## STEAM FIRE ENGINE.

At the March meeting a committee consisting of A. W. Lynde, chief engineer, Levi S. Gould, chairman of the board of selectmen, Walter Babb, Daniel Norton and William F. Morse, were appointed to purchase a steam fire engine,

and the sum of \$3500 appropriated for that purpose. This committee visited Pawtucket to inspect a machine offered for sale in that city, and also attended trials of other engines, incurring an outlay for travelling expenses of \$15.25. At a meeting held June 2, the committee were instructed by your vote to indefinitely postpone further action; consequently there now remains in the treasury an unexpended balance of \$3484.75 applicable to above appropriation.

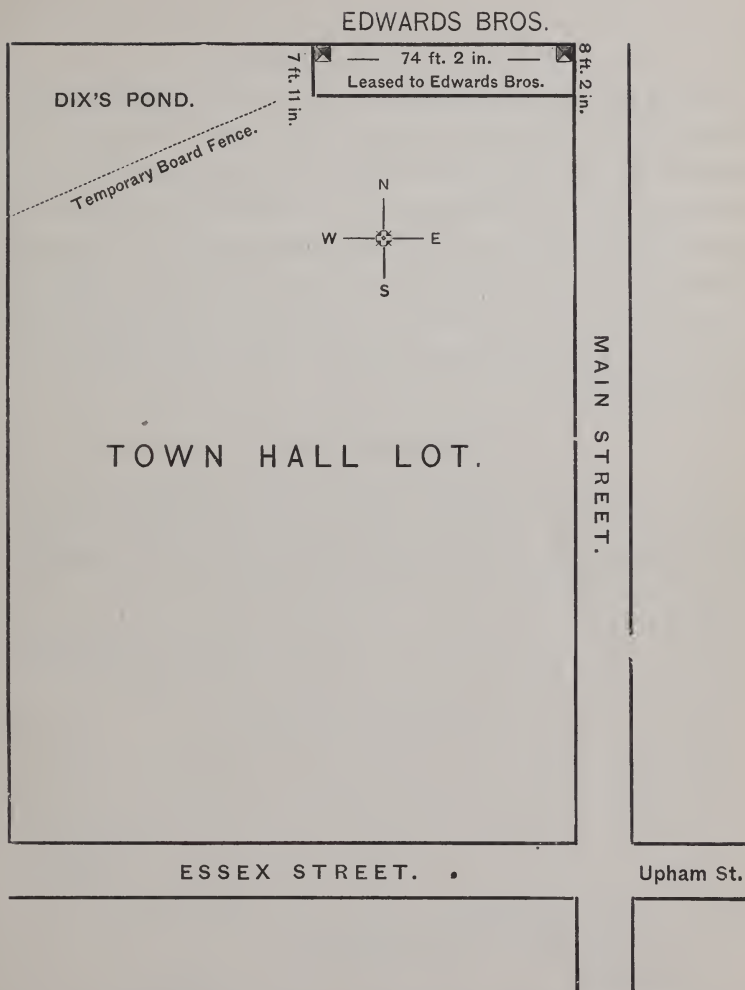
#### TOWN HALL.

As custodians of the town hall, we have found it necessary to make some repairs absolutely required for the preservation of the property, the expenses of which will appear under their appropriate head. Other repairs and improvements deemed essential will be reported at the annual meeting by a committee you have specially appointed for that purpose.

#### LEASE OF PASSAGE-WAY TO EDWARDS BROTHERS.

In furtherance of your vote passed November 10, we have made a *verbal* lease with John and Joseph Edwards, for the term of *one year only*, for a nominal rental of ten dollars, of the passage-way between the northeast corner of the town hall lot and the building occupied by Edwards Brothers. Said passage-way is *not an open way*, but is a portion of the town hall lot, and is leased simply to accommodate said Edwards Brothers in gaining admission to the rear of their building. They are tenants at the will of the town. Commencing on the *north side* of the stone boundary post at the northeast corner of the town hall lot, the passage-way is 8 feet 2 inches wide, running southerly on Main street, thence running westerly 74 feet 2 inches, from which point it is 7 feet 11 inches wide, to the north side of a stone boundary post standing at the northwest end of said passage-way as indicated on the plan herewith :





It being understood that nothing but this passage-way is leased to said Edwards Brothers, and that the line of the town hall lot extends in a direct course westerly from the stone bound on Main street to the other stone bound at end of the passage-way, and thence to the middle of Dix's pond, so called. The new board fence is not an indication of the bounds of the town lot, but is placed in its present situation as a matter of convenience only.

## BOARD FENCE ON TOWN HALL LOT.

At the meeting of October 5 you directed the selectmen to build a suitable fence on the rear of the town hall lot adjacent to Dix's pond, and also on a portion of the north-east end on the Main-street line. A durable structure has been placed in position, which is *not upon the line of the town lot*, as that runs to the middle of Dix's pond, but is built as near to the water as convenient, and also near enough to the line of Edwards Brothers' shop to allow the passage-way heretofore noted.

## MEMORIAL DAY.

We append a statement received from Commander E. C. Gould, of U. S. Grant Post No. 4, G.A.R., concerning the expenditure of the amount raised at the last annual meeting.

*Memorial Day Committee, U. S. Grant Post No. 4, G.A.R.*

|                                                 |         |          |
|-------------------------------------------------|---------|----------|
| To balance remaining on hand, appropriation of  |         |          |
| 1884 . . . . .                                  |         | \$16 77  |
| To cash received from George Newhall, treasurer |         |          |
| of 1885 . . . . .                               |         | 200 00   |
|                                                 |         | <hr/>    |
|                                                 |         | \$216 77 |
| Paid C. Casey for flowers . . .                 | \$28 00 |          |
| " C. H. Hart & Co. for flags and                |         |          |
| printing . . . . .                              | 3 78    |          |
| " cemetery committee for clearing               |         |          |
| up graves and setting out                       |         |          |
| flowers for season of 1885 .                    | 5 00    |          |
| Balance on hand . . . . .                       | 179 99  | \$216 77 |
|                                                 | <hr/>   |          |

Respectfully submitted,

EDWIN C. GOULD,  
*Chairman Memorial Day Committee.*

## HALL FOR POST 4, G.A.R.

At the town meeting held November 10 a motion was introduced by unanimous consent, and passed by a unanimous vote, resolving that it is the sense of the town that the selectmen finish a hall and other apartments in the town hall building, in a suitable manner, as per plans submitted, and when finished, present a lease to U. S. Grant Post 4, G.A.R., of Melrose, for a term of five years, at a nominal rental of one dollar per annum. The selectmen doubting the legality of action under this vote, await instructions through an article in the warrant of the annual meeting.

## DAMAGES CLAIMED AND LIABILITY AVERTED.

Three claims for damages have been made against the town. Two were disallowed after investigation, and we think both have been abandoned. The third was paid under a compromise of \$20.

## MYSTIC VALLEY SEWER.

A report made to the Legislature of 1886 by the Massachusetts Drainage Commission, in so far as it relates to the main sewerage system proposed for the Mystic river basin, is a document of vital importance to the citizens of this town, all of whom must be aware that a general system of sewers is a question that must confront us at no distant day. The special features of the report contemplates a main sewer from a point in West Medford near the Arlington line, running through the Mystic valley, *via* Medford centre, Malden and a portion of Saugus to a pumping station and filtrating basin of say 500 to 1000 acres near the Franklin trotting park, whence the affluent flows or is pumped at certain stages of the tide into the Pines river, and thus sent to the open sea. At various points on the main line branches are received from Arlington, Belmont, Stoneham, Woburn,

Winchester, Cambridge, Somerville, Everett, Chelsea, Revere and Melrose. Quoting from section 112 of report: "The Melrose branch of the Mystic valley system is intended to start at junction of Waverly place and Wyoming avenue, this being the point to which the sewerage of the town would naturally gravitate. The sewer is to be a 15-inch pipe with an inclination of 1 in 1000. Its capacity when flowing full is  $1\frac{1}{3}$  million gallons per day, an ample provision for the present or any probable increase of sewage in the future. The sewer follows Waverly place and a proposed extension of it to Linden avenue, Malden. It continues in Linden avenue to Pleasant street. A few hundred feet before reaching Pleasant street the ground drops off rapidly, and the sewer falls correspondingly, at the rate of 1 in 30, for a distance of about 800 feet, to a point in Middlesex avenue just north of the river. The sewer passes under the river, and continues in Middlesex avenue, with an inclination of 1 in 500, to a connection with the main sewer at Charles street. This branch enters the main sewer about 3 feet above its bottom."

Thirteen towns and municipalities, with a population of 102,074, are to be benefited by the construction of the main sewer, and the cost is apportioned upon the basis of population in each place.

The approximate cost of this system complete is \$1,520,000. The proportion assessed upon Melrose, \$90,851, is based upon a population of 6101 as per census of 1885. The annual charge for maintenance, \$1195.41, interest on cost of construction, at say 3 per cent, \$2725.53, making a total annual cost to this town of say \$3920.94 for our proportion of interest and expenses of the main line and our branch to the corner of Waverly place and Wyoming avenue only. Should this project be carried out, our town would then be obliged to construct sewers through the principal streets and connect them with the Melrose branch at

our own expense in order to make the general system available.

As to the question of maintenance of the proposed system, if the special features of the commissioners' report relating to Melrose and the cost of cleaning out its "1200 privies and 600 cesspools" is correct, viz., about \$6300 annually, then we might expend some \$60,000 in addition to the main system in building sewers about the town, and the total annual expense to our community would be no more than at present. In conclusion we quote from the report: "Section 15, Melrose. — Melrose has a population of about 6100, consisting largely of well-to-do persons, occupying good houses. Most of these houses are grouped about the Boston & Maine Railroad, near the centre of the town. There is a public supply of water amounting to 180,000 gallons daily taken from Spot pond. The water is disposed of in cesspools, and, the soil being porous, the liquid contents of the cesspools leach away freely into the ground water, and probably finally flow away into Malden river or its tributaries. It is estimated that there are about 1200 privies in the town, and about 600 cesspools. These are cleaned once a year, at an average cost of \$3.50 each, or a total annual cost of \$6300. The upper portion of Malden river runs through the town, and the stream in places is made a dumping place for rubbish of various kinds. The privies from eleven estates were observed to overflow into the stream. That at Wyoming depot is directly over the river [the Board of Health ordered these nuisances abated so far as we knew of them during the last summer — Selectmen]. The stream is therefore somewhat polluted by sewage, but not sufficiently so to make it offensive. One small tannery on Grove street, employing nine men, drains its manufacturing refuse and sewage from its privies directly into the stream, which is discolored several hundred feet below this point. A large shoe shop employs eighty hands, and drains



into a cesspool on its own estate. So far as could be learned, there is no disposition on the part of the town to build sewers. The increase in population during the last five years was about 37 per cent; should this rate be maintained in the future, there is little doubt that the need of some disposition of domestic filth, other than storing it in the soil about habitations, will be felt."

#### GRANT MEMORIAL SERVICE.

In deference to a spontaneous public sentiment, the selectmen, in connection with a committee of citizens specially appointed for the purpose, took general charge of the memorial exercises held on the day of the funeral of our illustrious General and Ex-President U. S. Grant. By common consent, the services partook of the nature of a public tribute of grateful respect to the memory of the lamented dead.

To those citizens who by advice and assistance in decorating the town hall, and to those who in other ways contributed so much to the success and solemnity of the occasion, the community is especially indebted.

#### PUBLIC OBSERVANCE OF THE DEATH OF VICE-PRESIDENT HENDRICKS.

By order of the board of selectmen the flag was placed at half mast on the town hall for several days previous to the funeral of the lamented vice-president of the United States, Thomas A. Hendricks, and during the continuance of the obsequies the bells of the town were tolled as a testimonial of respect to the memory of the distinguished dead.

#### CONTINGENT FUND.

The only appropriation over which the selectmen *have full control*, and which is overdrawn, is the contingent fund,

\$102.53, caused by the expenses attending the Grant memorial services, which amounted to \$160.67.

## PRUDENTIAL COMMITTEE.

Following your instructions, the prudential committee appointed at the November meeting, in company with the selectmen, have examined the streets, and considered other matters bearing upon appropriations for the year 1886. Their report will be presented to the annual meeting.

Thanking our fellow citizens for their courteous and generous consideration during the past year,

We are, respectfully,

LEVI S. GOULD,  
HENRY G. FIELDS,  
JOHN K. CURRIER,

*Selectmen of Melrose.*

# REPORT OF THE TOWN CLERK.

---

## PROCEEDINGS OF TOWN MEETINGS.

Annual Meeting, March 2, 1885, 7 A.M.

ARTICLE 1 OF THE WARRANT. To choose a moderator.

Levi S. Gould chosen.

ART. 2. To bring in votes on one ballot for selectmen, clerk, treasurer, collector, assessors, and other officers.

To bring in votes, upon a separate ballot, in answer to the question, "Shall licenses be granted for the sale of intoxicating liquors in this town?" Form of ballots to be "Yes" or "No."

*Voted*, That the officers elected by ballot this day shall consist of three selectmen, who shall also be overseers of the poor and highway surveyors, one clerk, one treasurer, one tax collector, three assessors, two water commissioners, one for three years, one for two years, one water loan sinking fund commissioner for three years, five library trustees, three auditors, three constables, and two school committee for three years.

Polls opened.

*Voted*, That the polls be closed at 5.15 P.M.

*Voted*, That the transaction of town business, other than voting, be postponed to 7.30 P.M.

Tellers appointed and sworn: G. E. Orcutt, Edward E. Babb, Robert S. Webster.

Polls closed at 5.15 P.M. A partial declaration of the vote by the moderator.

By request, additional tellers were appointed to assist in recounting the ballots, all being duly sworn; viz., Henry



P. Holden, Alfred D. Hocking, George C. Stantial, C. J. Barton, A. B. Pierce.

Adjourned to 7.30 P.M.

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Adjourned Meeting, March 2, 1885, 7.30 P.M.

ART. 3. To choose all other necessary town officers.

#### OFFICERS ELECTED.

*Measurers of Wood and Bark, Weighers of Hay and Coal* — Seth E. Benson, M. F. Eastman. *Surveyor of Lumber* — Henry A. Leonard. *Committee on Cemeteries* — George Newhall, Daniel Russell, John Larrabee. *Field Drivers* — Otis Howard, H. B. Newhall, Frank Gibbons, W. Truman Howard. *Fence Viewers* — Dexter Pratt, Joseph S. Eastman. *Pound Keeper* — W. Truman Howard.

ART. 4. To authorize the town treasurer to borrow money for the purpose of meeting the demands of the town, with the approval of the selectmen.

*Voted*, unanimously, that the treasurer be authorized, with the approval of the selectmen, to hire money, to renew, replace or pay any existing loan or loans; also to hire money in anticipation of taxes for the current year, to meet expenses, and issue notes of the town therefor.

ART. 5. To hear and act upon the report of the finance committee appointed at meeting held November 12, 1884.

Report read and accepted.

ART. 6. To raise money for schools.

*Voted*, To raise sixteen thousand dollars.

ART. 7. To raise money for school contingent expenses.

*Voted*, To raise three thousand two hundred and fifty dollars.

ART. 8. To raise money for highways.

*Voted*, To raise three thousand five hundred dollars.

ART. 9. To raise money for sidewalks.

*Voted*, To raise nine hundred dollars.

ART. 10. To raise money for crossings and gutters.

*Voted*, To raise one hundred and fifty dollars.

ART. 11. To raise money for the support of the poor,

*Voted*, To raise four thousand dollars.

ART. 12. To raise money for the fire department.

*Voted*, To raise two thousand seven hundred dollars, four hundred dollars of the amount raised to be expended for new hose.

ART. 13. To raise money for the lighting and care of street lamps.

*Voted*, To raise one thousand seven hundred dollars.

ART. 14. To raise money for additional street lamps.

*Voted*, To raise seventy-five dollars.

ART. 15. To raise money for police and watchmen.

*Voted*, To raise twelve hundred dollars.

ART. 16. To raise money for contingent expenses.

*Voted*, To raise nine hundred and fifty dollars.

ART. 17. To raise money to pay interest on the town debt.

*Voted*, To raise six thousand dollars.

ART. 18. To raise money for the reduction of the town debt.

*Voted*, To raise five thousand dollars.

ART. 19. To raise money for the public library.

*Voted*, To raise seven hundred and fifty dollars for the public library and reading-room, and that the dog tax when received be appropriated for the same purpose.

ART. 20. To raise money for water; viz., to pay cost of constructing works for the past year, and for the use of the water, in hydrants, public buildings, &c.

*Voted*, To raise, to pay cost of constructing works for past year, three thousand seven hundred fifty-four and fifty one-hundredths dollars. For the use of the water for the current year, two thousand dollars.

ART. 21. To raise money for salaries of town officers, and to fix the compensation of all officers and committees elected or appointed by the town.

*Voted*, To raise nineteen hundred dollars, and that the officers be paid the same salaries as last year.

ART. 22. To raise money for drainage, bridges and culverts.

*Voted*, To raise three hundred dollars.

ART. 23. To raise money for deficiencies in accounts for the past year, and for all other necessary expenses of the ensuing year.

*Voted*, To raise three thousand four hundred and twenty four and thirteen hundredths dollars for deficiencies in accounts for past year ; viz., insurance, \$743.75, fire department, \$210.71, town hall, \$274.17, military aid, \$195.50, school contingent for books, &c., \$2000 : total, \$3424.13.

ART. 29. To see if the town will purchase a steam fire engine and appropriate money for the same on petition of A. W. Lynde and others.

*Voted*, That three thousand five hundred dollars be raised and appropriated for the purchase of a steam fire engine ; that a committee, consisting of the chief engineer of the fire department, the chairman of the board of selectmen and three citizens, be appointed to purchase the same. Citizens appointed : Daniel Norton, Walter Babb, William F. Morse.

ART. 24. To determine the method by which the taxes for the year shall be collected.

*Voted*, That all single poll taxes be made payable on or before July 1, 1885 ; that all other taxes be made payable on or before October 1, 1885, and that interest be added upon all taxes remaining unpaid after that date at the rate of six per centum per annum ; that all property on which the taxes remain unpaid on June 1, 1886, be sold by the collector in accordance with the provisions of law.

ART. 25. To see if the town will appropriate money for

keeping in repair and decorating the graves of soldiers on Memorial day.

*Voted*, To raise two hundred dollars, said sum to be placed in the hands of the Memorial day committee of Post 4, G.A.R.

ART. 26. To see what action will be taken in reference to the school building and lot on Franklin street, west of the Highlands depot.

Indefinitely postponed.

ART. 27. To see if the town will build a schoolhouse at the Fells, on lot of land presented by Hon. E. S. Converse, and appropriate money for the same.

*Voted*, That the sum of five thousand dollars be appropriated for the building of a schoolhouse at the Fells; that a committee be appointed to build the same, and that the town treasurer be authorized to borrow said amount. Committee appointed: John K. Robson, Royal P. Barry, John W. Farwell, George H. Dearborn, Daniel Norton.

ART. 28. To see if the town will build a plank sidewalk on Tremont street, between Emerson and Melrose streets, and appropriate money for the same, on the petition of F. W. Hunt and others.

*Voted*, To raise five hundred dollars for the building of a sidewalk; that the selectmen have charge of the same, to be built on said street wherever in their judgment it may be necessary.

ART. 30. To hear and act on the reports of committees, and for the transaction of any other business which may legally come before this meeting.

*Voted*, That the unexpended balances from last year be added to the appropriations for this year, and credited to the several departments.

Selectmen's report on guide boards accepted.

*Voted*, That a committee of two be appointed to act with the water commissioners in the matter of revising the water

rates, and to prepare by-laws for the government of the water commissioners, and report the same to the next town meeting. Committee appointed: Nathan D. Blake, John B. Souther.

Report of committee on new water main received and accepted; committee, by their own request, discharged.

*Voted*, That a committee be appointed to confer with the executor of the will of Sally Upham concerning a lot of land mentioned in said will, that they ascertain the value of the same, and report the proper action for the town in the premises at the next meeting.

Committee appointed: Artemas Barrett, H. H. Westgate, Daniel Norton, F. S. Hesseltine.

*Voted*, That the committee appointed to revise the water rates and prepare by-laws be requested to consider the matter of refunding a proportion of the sums paid for water, in cases where the water ceases to flow, proper notice being given, &c.

*Voted*, That the selectmen be authorized to put upon the new drinking fountain the inscription, "Erected A.D. 1884."

#### OFFICERS DECLARED ELECTED UNDER ARTICLE 2.

*Selectmen, Overseers of the Poor and Highway Surveyors*—Levi S. Gould, Henry G. Fields, John K. Currier. *Town Clerk*—John Larrabee. *Treasurer*—George Newhall. *Collector of Taxes*—M. F. Eastman. *Assessors*—George C. Stantial, George F. Boardman, Gilbert N. Harris. *Water Commissioner for Three Years*—John R. Jones. *Water Commissioner for Two Years*—Wingate P. Sargent. *School Committee for Three Years*—S. Robertson Winchell, Arethusa K. Miller. *Water Loan Sinking Fund Commissioner for Three Years*—Royal P. Barry. *Trustees of the Public Library*—Elbridge H. Goss, Charles C. Barry, Thomas B. Peck, Hannah Lynde, Ruby F. Farwell. *Constables*—Ansel B. Pierce, Frank M. McLaughlin, Henry B.



Newhall. *Auditors* — John R. Norton, Frank E. Orcutt, Walter I. Nickerson.

#### LICENSE QUESTION.

"Yes," nineteen votes ; "No," four hundred and twenty-five votes.

Voted to adjourn *sine die*.

#### APPROPRIATIONS, 1885.

March 2.

|                                                        |             |
|--------------------------------------------------------|-------------|
| Schools, support of . . . . .                          | \$16,000 00 |
| School, contingent expenses . . . . .                  | 3,250 00    |
| Highways . . . . .                                     | 3,500 00    |
| Crossings and gutters . . . . .                        | 150 00      |
| Sidewalks . . . . .                                    | 900 00      |
| Poor, support of . . . . .                             | 4,000 00    |
| Fire Department :                                      |             |
| Expenses, \$2300 ; new hose, \$400 . . . . .           | 2,700 00    |
| Street lights, lighting and care of . . . . .          | 1,700 00    |
| Additional street lamps . . . . .                      | 75 00       |
| Police and watchmen . . . . .                          | 1,200 00    |
| Contingent expenses . . . . .                          | 950 00      |
| Interest on town debt . . . . .                        | 6,000 00    |
| Reduction of " . . . . .                               | 5,000 00    |
| Public Library and reading-room, dog tax and . . . . . | 750 00      |
| Water, use of . . . . .                                | 2,000 00    |
| " construction, 1884 . . . . .                         | 3,754 51    |
| Salaries, town officers . . . . .                      | 1,900 00    |
| Drainage, bridges and culverts . . . . .               | 300 00      |
| Deficiencies in accounts, 1884 . . . . .               | 3,424 13    |
| Steam fire engine . . . . .                            | 3,500 00    |
| Memorial Day . . . . .                                 | 200 00      |
| Sidewalk, Tremont street . . . . .                     | 500 00      |
|                                                        | <hr/>       |
|                                                        | \$61,753 64 |

Unexpended balances from last year to be added. Treasurer authorized to borrow five thousand dollars for the building of schoolhouse at the Fells.

Treasurer also authorized to borrow —

May 19.

For the purpose of paying the expenses of water committee, investigation, &c. . . . . \$300 00

October 5.

For the building of Orris and Warren streets . 600 00

For repairs on Washington street . . . 200 00

#### BONDS.

October 5.

Treasurer authorized to issue additional water bonds (High Service) to the amount of . . . \$37,000 00

Meeting, April 14, 1885, 7.30 P.M.

ARTICLE 1. To choose a moderator.

Levi S. Gould unanimously chosen.

ART. 2. To see if the town will adopt the high service system, so called, in connection with the Melrose water works, and pass any vote or votes connected therewith that may be deemed necessary, on petition of Nathan D. Blake and 127 others.

*Voted*, That Messrs. J. D. Wilde, J. W. Farwell, Royal P. Barry, John B. Souther and N. D. Blake be a committee to confer with our board of water commissioners, make full investigation and report the best method or system by which a full and ample supply of water can be furnished to the inhabitants of this town and the probable cost of the same, having power also to confer with the Wakefield Water Company of Wakefield or any other water company in our vicinity having an excess of water supply.

ART. 3. To see if the town will instruct the committee



appointed at the last town meeting to indefinitely postpone the purchase of a steam fire engine on petition of N. D. Blake and 127 others, legal voters.

*Voted*, That the committee on the purchase of a steam fire engine be instructed to postpone the purchase of an engine until after the adjournment of this meeting; that they also be instructed to fully consider the matter of purchase, ascertain the cost of an engine and the probable expense of keeping and maintaining the same, and report to the town as to the necessity of an engine if we have the high service system.

*Voted*, To adjourn to Tuesday, May 19, next, at 7.30 P.M.

---

Adjourned Meeting, May 19, 1885, 7.30 P.M.

Report of committee appointed at meeting held April 14, 1885, under article 2 of the warrant, read and accepted.

Report of committee appointed at the annual meeting to purchase a steam fire engine, read and accepted.

Special report of the board of water commissioners on the improvement of the water supply, read and accepted.

#### ART. 2.

*Voted*, That Wingate P. Sargent, Wilbur D. Fisk, John R. Jones, John W. Farwell, Nathan D. Blake, John B. Souther, Artemus Barrett, A. V. Lynde and W. F. Sherman be a committee to make full and thorough investigation and report to the town the best system or method for supplying the town with high water service and the cost of the same, and for that purpose they are authorized to employ such skilful and competent engineer or engineers as they may deem proper, and confer with contractors so as to ascertain, as nearly as possible, the actual cost of providing the high water service by the system or method which they shall recommend; they are also authorized and instructed to make

such tests of the present water pipes as will determine whether or not they will sustain the pressure of the high water which they shall recommend.

*Voted*, That the said committee be authorized to expend a sum not exceeding three hundred dollars in pursuance of their investigation as stated, and that the town treasurer be authorized to borrow the same.

*Voted*, That the committee on the purchase of a steam fire engine be instructed to postpone the purchase of an engine until after the final adjournment of this meeting.

*Voted*, That a committee of three be appointed to consider the question of letting the upper floor of the town hall building at a nominal rent to U. S. Grant Post 4, G. A. R., of this town, the same to be finished by them as a memorial hall, or to recommend such plan for finishing and letting as they may think best to some subsequent meeting. Committee appointed, F. S. Hesselstine, Edwin C. Gould and Samuel S. Bugbee.

*Voted*, To adjourn to Tuesday, June 2, 1885, at 7.30 P.M.

---

Adjourned Meeting, June 2, 1885, 7.30 P.M.

ART. 4.

Report of committee appointed at meeting held March 2, 1885, to confer with the executor of the will of Sally Upham concerning a lot of land mentioned in said will, submitted and accepted.

*Voted*, That it is the sense of the town that the executor sell the land to Mr. George F. Boardman for the sum of \$400 and pay one half of the amount into the town treasury; that the town accept the trust and carry out the instructions of the will concerning the care of lot in cemetery.

ART. 2.

Report of the committee appointed May 19, to make in-

vestigation and report to the town the best system or method for supplying high water service, read and accepted.

Dissenting report from A. V. Lynde, Esq., a member of said committee, read and accepted.

*Voted*, That Wingate P. Sargent, Wilbur D. Fiske, John R. Jones, Nathan D. Blake and William F. Sherman be a committee with full power and authority to contract for and cause to be made a suitable reservoir, and such other enlargements, extensions and improvements of our present water service as will give to the inhabitants of the town a full supply of water, provided the same can be done at an expense not exceeding \$37,000; and provided further, that the legislature shall have first authorized the issue by the Town of Melrose of additional water fund bonds to the amount of \$37,000 for the payment of the expenses of such reservoir, extensions and improvements.

The above vote was taken by check list, "Yes" and "No" ballots being used, and was as follows: affirmative, 200; negative, 49.

*Voted*, unanimously, that the committee appointed at this meeting to contract for the enlargement and improvement of the town's system of water service are hereby instructed to petition the present legislature for a grant of authority to this town to issue its water fund bonds to an amount not exceeding \$37,000 for the purpose of defraying the cost of the proposed extension, enlargement and improvement of such water service.

#### ART. 3.

*Voted*, That the committee appointed at the annual meeting to purchase a steam fire engine be instructed to postpone indefinitely the purchase of such engine.

*Voted*, To adjourn *sine die*.

Meeting, October 5, 1885, 7.30 P.M.

ARTICLE 1. To choose a moderator.

Chose Levi S. Gould by unanimous vote.

ART. 2. To see if the town will authorize the issue of the bonds contemplated in the vote passed at the last town meeting to complete the "high service" system; designate the denomination, length of time and interest thereon, and pass any other vote or votes that may be deemed necessary to carry out the will of the town agreeable to petition of Wingate P. Sargent and others.

*Voted*, That we hereby accept the act entitled "An act to authorize the town of Melrose to make an additional water loan," approved June 18, 1885; and we hereby authorize and direct the issue of thirty-seven bonds, each of the denomination of one thousand (\$1000) dollars, bearing on its face the words "Melrose Water Loan, Act of 1885," payable in twenty years from the date of issue, bearing interest, payable semi-annually, at a rate not exceeding four per cent per annum; and the treasurer is hereby authorized and directed to sign said bonds, and the board of water commissioners are hereby authorized and directed to countersign the same; and the treasurer is hereby authorized to sell or dispose of said securities at public or private sale on such terms and conditions as he may deem proper, and the proceeds of said bond shall be applied by the treasurer in payment of bills incurred and approved by the committee, authorized by vote of the town on the second day of June, 1885, to contract for and cause to be made, a suitable reservoir, and such other enlargements, extensions and improvements of our present water service as will give to the inhabitants of the town a full supply of water.

The above vote was taken by check list, "Yes" and "No" ballots being used, and was as follows: affirmative, 95; negative, 9; total, 104.

ART. 3. To see if the town will authorize the treasurer to borrow a sum of money sufficient to put in repair Warren and Orris streets and a portion of Washington street; the former on petition of William C. Bliss and others, and the latter in conformity with the orders of the county commissioners of Middlesex County.

*Voted*, That the treasurer be authorized to borrow the sum of two hundred dollars, said sum to be expended for repairs on Washington street, under the direction of the selectmen.

*Voted*, That the treasurer be authorized to borrow the sum of eight hundred dollars, of which amount six hundred dollars shall be expended for the purpose of building and grading Warren and Orris streets, and the balance to be added to the highway appropriation to replace the amount which has been expended on said streets during the present year.

ART. 4. To hear and act upon the reports of committees, and transact any other business which may legally come before this meeting.

The committee appointed to consider the question of letting the upper floor of the town hall building to U. S. Grant Post 4, G.A.R., for a memorial hall, reported.

*Voted*, To accept the report.

*Voted*, unanimously, to adopt the recommendations of the committee as submitted, and that the selectmen be authorized and directed to execute a lease for the purposes mentioned to said Post 4, G.A.R., for the term of five years from this date, at a rental of one dollar per annum.

*Voted*, That the selectmen be requested to clear the rear portion of the town hall lot of all rubbish, obstructions, &c., and have the same properly enclosed with a fence.

*Voted*, To adjourn *sine die*.



Meeting, November 3, 1885, 7 A.M.

ARTICLE 1. To bring in their votes to the selectmen for state and county officers.

Also to bring in their votes, by ballot, for or against the the following article of amendment to the constitution :

"The general court shall have full power and authority to provide for the inhabitants of the towns in this commonwealth more than one place of public meeting within the limits of each town for the election of officers under the constitution, and to prescribe the manner of calling, holding and conducting such meetings. All the provisions of the existing constitution inconsistent with the provisions herein contained are hereby annulled."

The form of said ballot to be "amendment to the constitution, Yes" or "No."

The polls to be kept open until 4.30 P.M.

Polls opened promptly.

Royal B. Leighton and William A. Waterhouse were appointed as tellers to assist the selectmen in assorting and counting the votes, and were duly sworn.

ART. 2. To choose a moderator to preside for the transaction of town business.

Levi S. Gould unanimously chosen.

*Voted*, To postpone the transaction of town business until Tuesday evening, November 10, at 7.30 o'clock, and that when this meeting adjourns, it to be to meet at that date and time.

*Voted*, That the polls be kept open until 4.34 P.M.

Polls closed at 4.34 P.M. The result of the voting was declared in open town meeting as follows : total number of ballots cast 869.

*For Governor.*

|                                  | Votes. |
|----------------------------------|--------|
| George D. Robinson of Chicopee . | 588    |
| Frederick O. Prince of Boston .  | 250    |

|                                    |    |
|------------------------------------|----|
| Thomas J. Lothrop of Taunton . . . | 23 |
| James Sumner of Milton . . .       | 3  |
| John W. Farwell of Melrose . . .   | 1  |

*For Lieutenant-Governor.*

|                                    |     |
|------------------------------------|-----|
| Oliver Ames of Easton . . .        | 590 |
| Henry H. Gilmore of Cambridge . .  | 254 |
| Charles B. Knight of Worcester . . | 21  |
| William Murray of Boston . . .     | 1   |

*For Secretary of the Commonwealth.*

|                                   |     |
|-----------------------------------|-----|
| Henry B. Peirce of Abington . . . | 591 |
| Jeremiah Crowley of Lowell . . .  | 249 |
| George Kempton of Sharon . . .    | 20  |
| Hiram W. K. Eastman of Lawrence . | 1   |

*For Treasurer and Receiver General.*

|                                    |     |
|------------------------------------|-----|
| Alanson W. Beard of Boston . . .   | 579 |
| Henry M. Cross of Newburyport . .  | 264 |
| Claudius B. Travis of Natick . . . | 20  |
| Walter Harmon of Boston . . .      | 1   |

*For Auditor.*

|                                      |     |
|--------------------------------------|-----|
| Charles R. Ladd of Springfield . . . | 592 |
| James E. Delaney of Holyoke . . .    | 251 |
| William W. Sherman of Lowell . . .   | 21  |
| Arad H. Wood of Lunenburg . . .      | 1   |

*For Attorney-General.*

|                                     |     |
|-------------------------------------|-----|
| Edgar J. Sherman of Lawrence . . .  | 592 |
| Henry K. Braley of Fall River . . . | 250 |
| Samuel M. Fairfield of Malden . . . | 21  |
| Asa F. Hall of Hudson . . .         | 1   |

*For County Treasurer.*

|                                    |     |
|------------------------------------|-----|
| Joseph O. Hayden of Somerville . . | 591 |
| John M. Cate of Wakefield . . .    | 253 |



|                                  |    |
|----------------------------------|----|
| Ammi Cutter of Stoneham . . .    | 21 |
| Edward H. Gay of Marlboro' . . . | 1  |

*For County Commissioner.*

|                                    |     |
|------------------------------------|-----|
| Alphonso M. Lunt of Cambridge . .  | 461 |
| Alonzo M. Lunt of Cambridge . . .  | 123 |
| Alpheus R. Brown of Somerville . . | 262 |
| Wilbur F. Brigham of Hudson . . .  | 20  |

*For Special Commissioner (unexpired term).*

|                                |     |
|--------------------------------|-----|
| Lyman Dike of Stoneham . . .   | 465 |
| Lewis P. True of Everett . . . | 252 |
| John Hall of Watertown . . .   | 21  |
| Michael Dee of Marlboro' . . . | 1   |

*For Register of Deeds. Middlesex South District.*

|                                     |     |
|-------------------------------------|-----|
| Charles B. Stevens of Cambridge . . | 844 |
| George L. Bean of Newton . . .      | 21  |

*For Register of Deeds. North District.*

|                                  |    |
|----------------------------------|----|
| James K. Fellows of Lowell . . . | 21 |
|----------------------------------|----|

*For Councillor. Sixth District.*

|                                      |     |
|--------------------------------------|-----|
| Abraham B. Coffin of Winchester . .  | 592 |
| Nathaniel P. H. Melvin of Lawrence . | 213 |
| Amos Cummings of Woburn . . .        | 21  |
| H. B. Foster of North Andover . . .  | 1   |

*For Councillor. Third District.*

|                                 |    |
|---------------------------------|----|
| Joseph Cogan of Cambridge . . . | 39 |
|---------------------------------|----|

*For Senator. Sixth Middlesex District.*

|                                |     |
|--------------------------------|-----|
| John M. Harlow of Woburn . . . | 590 |
| James Reid of Reading . . .    | 251 |
| Richard Eddy of Melrose . . .  | 24  |

*For Representative in the General Court. Ninth Middlesex District.*

John Larrabee of Melrose . . . 514

John W. Farwell of Melrose . . . 321

Charles J. Barton of Melrose . . . 30

The ballot box registered as follows :— at 10.15 A.M., 500 ;  
at 1.30 P.M., 700 ; at the close, 870.

Names checked on voting list, 870.

Ballots cast, 869.

*Voted*, To adjourn.

Adjourned Meeting, November 10, 1885, 7.30 P.M.

ART. 3.

JURY LIST AS ACCEPTED.

|                     |                     |
|---------------------|---------------------|
| Ames, Benjamin.     | Kennard, Oscar N.   |
| Avery, John Q. A.   | Love, Thomas S.     |
| Bailey, Thomas T.   | Lovejoy, Stephen A. |
| Baker, George A.    | Lynde, James O.     |
| Bennett, Francis.   | McIntyre, James.    |
| Bryant, Dexter.     | Merrill, Lemuel.    |
| Burke, George W.    | Merrill, Deering P. |
| Church, Asa.        | Messenger, C. A.    |
| Cochran, Nelson.    | Moore, Eugene H.    |
| Collier, William S. | Norton, Daniel.     |
| Dill, Jesse A.      | Nowell, Samuel H.   |
| Denton, Joseph.     | Norris, Edward J.   |
| Dowling, Isaac C.   | Oakman, Samuel.     |
| Eastman, Moses F.   | Osborne, Henry.     |
| Emery, Salter.      | Palmer, Frank T.    |
| Freeman, L. Thomas. | Parker, Albon W.    |
| Gridley, Oliver L.  | Prentice, Charles.  |
| Gordon, Curtis S.   | Ring, Ethan C.      |
| Hall, George M.     | Stevens, Charles T. |

|                     |                  |
|---------------------|------------------|
| Hayward, Paul.      | Stewart, Wm. H.  |
| Higgins, Charles W. | Upham, Asa E.    |
| Hill, Aaron, Jr.    | White, Ira J.    |
| Howe, F. Edward.    | Wiley, Henry E.  |
| Howes, Ephraim O.   | Wood, Joseph.    |
| Hoyt, Lewis C.      | Willis, Abel.    |
| Ireland, Thomas.    | Waitt, Edward P. |
| Johnson, Jerome B.  | Young, Lorenzo.  |

By unanimous consent, Hon. D. W. Gooch submitted the following resolution :

*Resolved*, That it is the sense of this meeting that the room in the town hall building which the town voted to lease to Post 4, G.A.R., be fitted for their use at the expense of the town, under the direction of the selectmen, and when completed, that they be authorized to lease the same at a rental of one dollar per annum, for a term of five years, to said Post 4, G.A.R.

Unanimously adopted.

*Voted*, That D. W. Gooch, R. P. Barry, Moses Briggs, F. W. Hunt, N. P. Jones, J. P. Deering, Artemas Barrett, F. S. Hesseltine, N. D. Blake and G. F. Boardman, be a committee to examine and report at the next annual March meeting the amounts required to be raised and appropriated by the town for the next financial year.

*Voted*, It shall be the duty of the above committee to pass through the streets of the town with the selectmen to the end that proper appropriations may be made for the highways, sidewalks, crossings and gutters.

ART. 4. To see if the town will accept a street running from Upham street to First street (now called Seventh street) as laid out by the selectmen.

*Voted*, To accept the street, and that hereafter it shall be known as Parker street.

ART. 5. To see if the town will accept a street running

from Main street easterly to Lebanon street, the same being an extension of Foster street, as laid out by the selectmen.

*Voted*, To accept the street, to be called Foster street.

ART. 6. To see if the town will discontinue as a school-house the building on Franklin street, formerly used for that purpose, agreeable to petition of Francis S. Hesseltine and others.

Laid on table; afterward *Voted*, That the school committee be authorized and requested to let the unused school-house at the Highlands to the Highlands' Literary Society on such terms and conditions as they deem proper and until such time as the property may be required for town purposes.

ART. 7. To see what action the town will take to improve the high school building, so as to make the same comfortable for the scholars therein, or to sell it and build a new one, and appropriate money for the same, agreeable to petition of F. S. Hesseltine and others.

*Voted*, That a committee of five, two of whom shall be members of the school committee, be appointed to consider the whole subject matter of school accommodations and report at the annual meeting in March next.

Committee appointed: F. S. Hesseltine, Moses S. Page, Moses Briggs, Clifton Fletcher and S. R. Winchell.

ART. 8. To see if the town will accept from S. B. Cochran, of Omaha, Neb., the sum of two hundred dollars, for the purpose of providing for the perpetual care of his lot in Wyoming Cemetery, in accordance with chapter 82, section 17, Public Statutes.

*Voted*, unanimously, that the town accept from S. B. Cochran the sum of two hundred dollars, the same to be held in trust, the interest accruing thereon to be expended for the care of his lot in Wyoming Cemetery, in accordance with chapter 82, section 17, Public Statutes.

ART. 9. To see if the town will sell or exchange for rear

land a small strip of land not exceeding eight feet in width, on the north side of the town hall lot adjoining the shop of Edwards Brothers, and appoint a committee with full power to make the sale or exchange and pass the necessary papers in behalf of the town, agreeable to petition of John and Joseph Edwards and others.

*Voted*, unanimously, that the selectmen be a committee with full power and authority to deed the portion of land, to exchange for other land or lease the same if they deem proper.

ART. 10. To hear and act upon the reports of committees and for the transaction of any other business which may legally come before this meeting.

*Voted*, That the assessors be a committee to settle with the collectors of taxes for years 1881, 1882, 1883, 1884.

*Voted*, To adjourn *sine die*.

# STATISTICS OF BIRTHS, MARRIAGES AND DEATHS FOR THE YEAR 1885.

|                     | Births.   | Marriages. | Deaths.   |
|---------------------|-----------|------------|-----------|
| January . . . . .   | 14        | 3          | 5         |
| February . . . . .  | 12        | 1          | 7         |
| March . . . . .     | 14        | 4          | 7         |
| April . . . . .     | 8         | 10         | 11        |
| May . . . . .       | 12        | 3          | 8         |
| June . . . . .      | 12        | 5          | 12        |
| July . . . . .      | 17        | 8          | 15        |
| August . . . . .    | 14        | 5          | 16        |
| September . . . . . | 15        | 6          | 6         |
| October . . . . .   | 9         | 8          | 11        |
| November . . . . .  | 15        | 8          | 5         |
| December . . . . .  | 9         | 5          | 17        |
|                     | <hr/> 148 | <hr/> 66   | <hr/> 120 |

## BIRTHS.

|                             |           |
|-----------------------------|-----------|
| Number registered . . . . . | 148       |
| Males . . . . .             | 77        |
| Females . . . . .           | 71        |
|                             | <hr/> 148 |

Of the above number, 135 were born in Melrose and 13 were born in other places.

|                                                 |           |
|-------------------------------------------------|-----------|
| Born of American parents . . . . .              | 86        |
| of foreign parents . . . . .                    | 33        |
| of American father and foreign mother . . . . . | 19        |
| of foreign father and American mother . . . . . | 10        |
|                                                 | <hr/> 148 |

## INTENTIONS OF MARRIAGES RECORDED.

|                                             |          |
|---------------------------------------------|----------|
| Whole number of couples . . . . .           | 56       |
| Both parties residing in Melrose . . . . .  | 35       |
| But one party residing in Melrose . . . . . | 21       |
|                                             | <hr/> 56 |



## MARRIAGES.

|                              |   |   |   |   |   |       |               |
|------------------------------|---|---|---|---|---|-------|---------------|
| Whole number                 | . | . | . | . | . | .     | 66            |
| More than last year          | . | . | . | . | . | .     | 10            |
| Both parties American        | . | . | . | . | . | 36    |               |
| Both parties foreign         | . | . | . | . | . | 13    |               |
| Parties American and foreign | . | . | . | . | . | 17    |               |
|                              |   |   |   |   |   | <hr/> | 66            |
| First marriage of persons    | . | . | . | . | . | 120   |               |
| Second marriage of persons   | . | . | . | . | . | 11    |               |
| Third marriage of persons    | . | . | . | . | . | 1     |               |
|                              |   |   |   |   |   | <hr/> |               |
|                              |   |   |   |   |   | 132   | — 66 couples. |

## DEATHS.

|                                                   |   |   |   |   |   |       |     |
|---------------------------------------------------|---|---|---|---|---|-------|-----|
| Whole numbered registered                         | . | . | . | . | . | .     | 120 |
| More than last year                               | . | . | . | . | . | .     | 40  |
| Had residence elsewhere                           | . | . | . | . | . | .     | 4   |
| Males (married)                                   | . | . | . | . | . | .     | 21  |
| Females (married)                                 | . | . | . | . | . | .     | 18  |
| Widows                                            | . | . | . | . | . | .     | 17  |
| Widowers                                          | . | . | . | . | . | .     | 7   |
| Males (single)                                    | . | . | . | . | . | .     | 7   |
| Females (single)                                  | . | . | . | . | . | .     | 8   |
| Male children                                     | . | . | . | . | . | .     | 19  |
| Female children                                   | . | . | . | . | . | .     | 23  |
|                                                   |   |   |   |   |   | <hr/> | 120 |
| Under one year (still-born or premature birth, 8) |   |   |   |   |   |       | 15  |
| From 1 to 5                                       | . | . | . | . | . | .     | 17  |
| 5 " 10                                            | . | . | . | . | . | .     | 6   |
| 10 " 20                                           | . | . | . | . | . | .     | 5   |
| 20 " 30                                           | . | . | . | . | . | .     | 10  |
| 30 " 40                                           | . | . | . | . | . | .     | 14  |
| 40 " 50                                           | . | . | . | . | . | .     | 9   |
| 50 " 60                                           | . | . | . | . | . | .     | 7   |
| 60 " 70                                           | . | . | . | . | . | .     | 9   |

|                         |           |
|-------------------------|-----------|
| From 70 to 80 . . . . . | 15        |
| 80 " 90 . . . . .       | 11        |
| Over 90 . . . . .       | 2         |
|                         | <hr/> 120 |

## REGISTRATION OF VOTERS, 1885.

*Males.*

|                                                                                       |             |
|---------------------------------------------------------------------------------------|-------------|
| Total number on register, 1884 . . . . .                                              | 1,193       |
| Erased previous to March 1, 1885 (deaths and<br>removals) . . . . .                   | 26          |
|                                                                                       | <hr/> 1,167 |
| Registered in February . . . . .                                                      | 9           |
|                                                                                       | <hr/> 1,176 |
| Erased in October (deaths, removals and for<br>non-payment of taxes) . . . . .        | 168         |
|                                                                                       | <hr/> 1,008 |
| Registered and restored in October . . . . .                                          | 137         |
|                                                                                       | <hr/> 1,145 |
| Total number now on register and voting lists . . . . .                               | 1,145       |
| Number of legal voters in town, as shown by the<br>decennial census of 1885 . . . . . | 1,491       |

*Females.*

|                                                                                     |          |
|-------------------------------------------------------------------------------------|----------|
| Total number on register, 1884 (entitled to vote<br>for school committee) . . . . . | 24       |
| Registered in October . . . . .                                                     | 42       |
|                                                                                     | <hr/> 66 |
| Total number now on register and voting lists . . . . .                             | 66       |

## JURORS DRAWN DURING YEAR.

Feb. 25. John S. Sewall.  
Nathaniel H. Heath.  
May 19. J. Maxwell Elliott.

May 19. Curtis S. Gordon.  
Levi W. Gilman.  
Wendell P. Hood.  
Oct. 10. John R. Jones.  
Aaron Vinton.

Number of persons liable to do military duty as certified  
by the assessors, 1274.

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### DOG LICENSES.

Number of dogs licensed during the year 1885 — 288  
males and 42 females: total, 330.

Amount paid to county treasurer, as required by law,  
\$720.

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### ORDERS.

Number of orders drawn on town treasurer, 2048, for  
the sum of \$57,516.94.

Respectfully submitted,

JOHN LARRABEE,  
*Town Clerk.*

## FINANCIAL STATEMENT.

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### EXPENSES OF PUBLIC SCHOOLS TO JANUARY 1, 1886.

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#### TEACHERS' SALARIES.

##### *High School.*

|                                 |   |   |   |            |
|---------------------------------|---|---|---|------------|
| Alonzo G. Whitman, six months   | . | . | . | \$960 00   |
| " " four months                 | . | . | . | 680 00     |
| Clarimond Mansfield, six months | . | . | . | 330 00     |
| " " four months                 | . | . | . | 240 00     |
| Hattie G. Ricker, ten months    | . | . | . | 550 00     |
|                                 |   |   |   | <hr/>      |
|                                 |   |   |   | \$2,760 00 |

##### *Grammar Schools.*

##### FIRST.

|                                  |   |   |   |            |
|----------------------------------|---|---|---|------------|
| Harriet C. Fairbanks, ten months | . | . | . | \$800 00   |
| Charlotte A. Bishop, six months  | . | . | . | 300 00     |
| Nellie H. Rogers, four months    | . | . | . | 200 00     |
|                                  |   |   |   | <hr/>      |
|                                  |   |   |   | \$1,300 00 |

##### SECOND.

|                            |   |   |   |            |
|----------------------------|---|---|---|------------|
| Lucy W. Bisbee, ten months | . | . | . | \$550 00   |
| Alice M. Swett, "          | . | . | . | 550 00     |
|                            |   |   |   | <hr/>      |
|                            |   |   |   | \$1,100 00 |

##### THIRD.

|                              |   |   |   |            |
|------------------------------|---|---|---|------------|
| Susan D. Melcher, ten months | . | . | . | \$550 00   |
| Helen J. Barrett, "          | . | . | . | 550 00     |
|                              |   |   |   | <hr/>      |
|                              |   |   |   | \$1,100 00 |

##### MIXED.

|                          |   |   |   |          |
|--------------------------|---|---|---|----------|
| Lydia Mendum, ten months | . | . | . | \$525 00 |
|--------------------------|---|---|---|----------|

## FOURTH.

|                                    |            |
|------------------------------------|------------|
| Mary J. George, ten months . . . . | \$500 00   |
| Kate W. Bascom " . . . .           | 500 00     |
|                                    | <hr/>      |
|                                    | \$1,000 00 |

*Intermediate Schools.*

|                                       |            |
|---------------------------------------|------------|
| Alice H. Long, six months . . . .     | \$285 00   |
| " " four months . . . .               | 200 00     |
| Effie C. Sweetser, ten months . . . . | 450 00     |
| Belle Mitchell, ten months . . . .    | 450 00     |
| Lilla J. Davis, ten months . . . .    | 450 00     |
| Lilla D. Ide, three months . . . .    | 135 00     |
| Lena R. Brackett . . . .              | 258 75     |
| Alma J. Guptill, four months . . . .  | 190 00     |
|                                       | <hr/>      |
|                                       | \$2,418 75 |

*Primary and Mixed Schools.*

|                                         |            |
|-----------------------------------------|------------|
| Lucy F. Dermot, ten months . . . .      | \$500 00   |
| Hannah F. Lewis, thirteen weeks . . . . | 162 50     |
| E. M. Donkin, eleven weeks . . . .      | 110 00     |
| " " four months . . . .                 | 180 00     |
| Alma J. Guptill, six months . . . .     | 270 00     |
| Mary E. Whitcomb, six months . . . .    | 240 00     |
| Hannah Gibbons, ten months . . . .      | 400 00     |
| Mary I. Hersey, three months . . . .    | 135 00     |
| " " seven months . . . .                | 350 00     |
| Emma L Randlett, ten months . . . .     | 450 00     |
| Mary E. Nye, four months . . . .        | 180 00     |
| Maria P. Hood, three weeks . . . .      | 33 75      |
| Annie Ransom, one week . . . .          | 11 25      |
| Hattie Lane, assistant . . . .          | 20 00      |
| Grace A. Small, substitute . . . .      | 11 25      |
|                                         | <hr/>      |
|                                         | \$3,053 75 |

*Music and Elocution.*

|                                 |          |          |
|---------------------------------|----------|----------|
| C. E. Whiting, six months . . . | \$210 00 |          |
| Harry Benson, four " . . .      | 140 00   |          |
|                                 | <hr/>    | \$350 00 |
| W. F. Wentworth . . .           |          | 38 00    |
|                                 |          | <hr/>    |
|                                 |          | \$388 00 |

## JANITORS' SALARIES.

|                                           |            |
|-------------------------------------------|------------|
| F. M. McLaughlin (High School building) . | \$295 00   |
| Charles T. Stevens (Centre) . . .         | 175 30     |
| Charles F. Valentine (Grove street) . .   | 175 30     |
| Charles H. Fuller (Franklin street) . .   | 150 00     |
| Anthony A. Rich (Vinton street) . . .     | 99 96      |
| William F. Serrat (Lynde street) . . .    | 99 96      |
| Eri Upham (Upham street) . . . .          | 60 00      |
| Joseph S. Emerson (Fells) . . . .         | 57 50      |
|                                           | <hr/>      |
|                                           | \$1,113 02 |

## SCHOOL COMMITTEE'S SALARIES, 1884-5.

|                               |          |
|-------------------------------|----------|
| Clifton Fletcher . . . . .    | \$65 00  |
| Julius S. Clark . . . . .     | 60 00    |
| Thomas W. Ripley . . . . .    | 50 00    |
| Mrs. A. K. Miller . . . . .   | 50 00    |
| Mrs. S. W. Bradbury . . . . . | 50 00    |
| Mrs. M. A. Adams . . . . .    | 50 00    |
|                               | <hr/>    |
|                               | \$325 00 |

*School Supplies.*

|                                                 |          |
|-------------------------------------------------|----------|
| Mrs. A. K. Miller, services as disbursing agent | \$110 43 |
|-------------------------------------------------|----------|

*Fuel.*

|                                       |            |
|---------------------------------------|------------|
| J. McCarty, charcoal . . . . .        | \$21 00    |
| J. M. McCarthy & Sons, charcoal . . . | 19 50      |
| S. E. Benson, wood and coal . . . .   | 280 40     |
| M. F. Eastman, coal . . . . .         | 754 75     |
|                                       | <hr/>      |
|                                       | \$1,075 65 |



## RECAPITULATION.

|                      |   |   |   |   |   |             |
|----------------------|---|---|---|---|---|-------------|
| Teachers' salaries   | . | . | . | . | . | \$13,645 50 |
| Janitors' "          | . | . | . | . | . | 1,113 02    |
| Committee "          | . | . | . | . | . | 325 00      |
| Supply agent, salary | . | . | . | . | . | 110 43      |
| Fuel                 | . | . | . | . | . | 1,075 65    |
|                      |   |   |   |   |   | <hr/>       |
|                      |   |   |   |   |   | \$16,269 60 |

## CONTRA.

|                                  |   |   |   |   |             |
|----------------------------------|---|---|---|---|-------------|
| Appropriations                   | . | . | . | . | \$16,000 00 |
| Balance from last year           | . | . | . | . | 442 53      |
| Received from state              | . | . | . | . | 65 22       |
| Received for tuition of children | . | . | . | . | 49 00       |
|                                  |   |   |   |   | <hr/>       |
|                                  |   |   |   |   | \$16,556 75 |
| Balance unexpended               | . | . | . | . | 287 15      |
|                                  |   |   |   |   | <hr/>       |
|                                  |   |   |   |   | \$16,556 75 |

4118

## SCHOOL CONTINGENT EXPENSES.

## EXPENDED.

*Books, Stationery, Supplies, &c.*

|                            |   |   |   |   |   |            |
|----------------------------|---|---|---|---|---|------------|
| D. Appleton & Co.          | . | . | . | . | . | \$150 81   |
| Harper & Brothers          | . | . | . | . | . | 221 25     |
| Van Antwerp, Bragg & Co.   | . | . | . | . | . | 60 48      |
| Iverson, Blakeman & Taylor | . | . | . | . | . | 21 70      |
| C. H. Whiting              | . | . | . | . | . | 120 85     |
| Knight, Adams & Co.        | . | . | . | . | . | 237 74     |
| Winkley, Thorp & Dresser   | . | . | . | . | . | 12 20      |
| J. L. Hammett              | . | . | . | . | . | 61 19      |
| Cowperthwait & Co.         | . | . | . | . | . | 24 48      |
| Thompson, Brown & Co.      | . | . | . | . | . | 98 46      |
| Boston School Supply Co.   | . | . | . | . | . | 148 43     |
|                            |   |   |   |   |   | <hr/>      |
| Amount carried forward     | . | . | . | . | . | \$1,157 59 |

|                               |   |   |   |   |            |
|-------------------------------|---|---|---|---|------------|
| <i>Amount brought forward</i> | . | . | . | . | \$1,157 59 |
| Ginn, Heath & Co.             | . | . | . | . | 43 20      |
| Wm. Ware & Co.                | . | . | . | . | 102 09     |
| George F. King & Merrill      | . | . | . | . | 272 83     |
| T. W. Gilson                  | . | . | . | . | 10 00      |
| Maynard & Noyes               | . | . | . | . | 7 50       |
| C. A. Eastman                 | . | . | . | . | 36 04      |
| Prang Educ. Co.               | . | . | . | . | 42 40      |
| A. C. Stockin                 | . | . | . | . | 26 88      |
| F. M. Ambrose                 | . | . | . | . | 57 80      |
| Ginn & Co.                    | . | . | . | . | 38 85      |
| Eaton, Holden & Co.           | . | . | . | . | 10 60      |
| Robert Burlen                 | . | . | . | . | 1 00       |
| Alfred P. Gage                | . | . | . | . | 1 75       |
| A. H. Skillings & Co.         | . | . | . | . | 38 00      |
| Willard Small                 | . | . | . | . | 14 00      |
|                               |   |   |   |   | <hr/>      |
|                               |   |   |   |   | \$1,860 53 |

*General Repairs, Buildings, Grounds, &c.*

|                                              |   |   |   |   |          |
|----------------------------------------------|---|---|---|---|----------|
| Angus McDonald, stock and labor              | . | . | . | . | \$243 20 |
| Ellenwood & McDonald, stock and labor        | . | . | . | . | 97 15    |
| D. R. Woodward,                              | " | " | . | . | 26 07    |
| Anthony A. Rich,                             | " | " | . | . | 7 90     |
| O. E. Drown,                                 | " | " | . | . | 244 09   |
| E. N. Sargent,                               | " | " | . | . | 7 05     |
| G. W. Dew, glazing                           | . | . | . | . | 2 25     |
| Gibson & Cushing, painting                   | . | . | . | . | 44 00    |
| A. W. Parker,                                | " | . | . | . | 152 60   |
| J. P. Deering, lumber                        | . | . | . | . | 102 69   |
| M. C. Warren & Co., hardware                 | . | . | . | . | 4 40     |
| A. W. Lynde, cementing cellar, &c.           | . | . | . | . | 159 26   |
| J. C. Howes, repairing furnaces, stoves, &c. | . | . | . | . | 123 26   |
| Holbrook & Hunt, repairs, plumbing, &c.      | . | . | . | . | 58 77    |
|                                              |   |   |   |   | <hr/>    |

*Amount carried forward* . . . . \$1,272 69

|                                                          |            |
|----------------------------------------------------------|------------|
| <i>Amount brought forward</i>                            | \$1,272 69 |
| J. L. Holbrook, repairs, plumbing, &c.                   | 23 09      |
| Thos. Kerwin & Co., cleaning vaults                      | 8 00       |
| C. S. Parker & Sons, repairing roof High School building | 28 43      |
| W. Emery & Co., inside blinds and windows                | 79 10      |
| Lemuel Merrill, keys                                     | 2 00       |
| R. Philpot, loam and tar                                 | 5 50       |
| C. F. Valentine, labor and grading                       | 3 50       |
|                                                          | <hr/>      |
|                                                          | \$1,422 31 |

*Furniture.*

|                                           |          |
|-------------------------------------------|----------|
| Buffalo School Furniture Co., desks, &c.  | \$44 20  |
| George S. Phillips, book-cases            | 27 00    |
| Carroll W. Clark, blackboards, &c         | 33 20    |
| John B. Souther, wardrobe and mats        | 30 20    |
| G. M. Bosworth & Co., maps, fixtures, &c. | 28 00    |
| Norris & Fletcher, piano                  | 205 00   |
| Harris & Rogers, maps                     | 6 00     |
| A. H. Andrews & Co., settees, &c.         | 22 00    |
|                                           | <hr/>    |
|                                           | \$395 60 |

*Printing.*

|                             |         |
|-----------------------------|---------|
| Babb & Stephens, programmes | \$11 00 |
| W. L. Williams              | 9 50    |
| T. W. Ripley, reports, &c.  | 14 00   |
|                             | <hr/>   |
|                             | \$34 50 |

*Sundries.*

|                                    |         |
|------------------------------------|---------|
| S. P. Rowell, ruling slates, &c.   | \$18 15 |
| Eugene Lyne, duster                | 3 00    |
| O. Lappen & Co., brooms, mats, &c. | 44 37   |
| Bugbee & Barrett, hooks, &c.       | 1 00    |
| G. P. Reed, cleaning clocks        | 12 50   |
| Thomas Ireland, " " "              | 4 50    |
|                                    | <hr/>   |
| <i>Amount carried forward</i>      | \$83 52 |

|                                                 |          |
|-------------------------------------------------|----------|
| <i>Amount brought forward</i>                   | \$83 52  |
| A. G. Whitman, chemical glasses                 | 2 00     |
| Jahn Larrabee, chemicals                        | 12 94    |
| John R. Colby, "                                | 1 96     |
| W. F. Wentworth, expense, car fares, &c.        | 5 00     |
| E. Thayer, conveying children from Swain's pond | 38 50    |
| D. M. White, tuning piano                       | 2 50     |
| School committee, expense, fares, &c.           | 28 40    |
| H. N. Cass, framing crayon                      | 7 50     |
| J. H. Daniels, diplomas                         | 21 35    |
| E. M. Donkin, filling diplomas                  | 4 60     |
| Eastman's Express, expressing                   | 26 65    |
| Boston Rubber Shoe Co., rent and heating room   | 200 00   |
| C. G. Harris, silesia, ribbons, &c.             | 22 18    |
| F. M. McLaughlin, expense, cleaning, &c.        | 18 30    |
|                                                 | <hr/>    |
|                                                 | \$475 40 |

## RECAPITULATION.

|                                  |            |
|----------------------------------|------------|
| Books, stationery, supplies, &c. | \$1,860 53 |
| General repairs                  | 1,422 31   |
| Furniture                        | 395 60     |
| Printing                         | 34 50      |
| Sundries                         | 475 40     |
|                                  | <hr/>      |
|                                  | \$4,188 34 |

## CONTRA.

|                                                |            |
|------------------------------------------------|------------|
| Appropriation                                  | \$3,250 00 |
| Balance from last year                         | 4 56       |
| Received from Mrs. A. K. Miller for books sold | 4 78       |
|                                                | <hr/>      |
|                                                | \$3,259 34 |
| Expenditure exceed                             | 929 00     |
|                                                | <hr/>      |
|                                                | \$4,188 34 |

## CONTINGENT EXPENSES.

|                                  |          |
|----------------------------------|----------|
| Appropriation . . . . .          | \$950 00 |
| Balance from last year . . . . . | 5 35     |

## RECEIPTS.

For auctioneers' licenses : —

|                                |        |      |
|--------------------------------|--------|------|
| Moses Briggs . . . . .         | \$2 00 |      |
| John R. Jones . . . . .        | 2 00   |      |
| George W. Farnsworth . . . . . | 2 00   |      |
| S. A. Lovejoy . . . . .        | 2 00   | 8 00 |

From Crystal Lake Fishing Association, rent of pond one year . \$10 00

From Edwards Brothers, rent for strip of land from town hall lot . 10 00 20 00

\$983 35

## EXPENDED.

|                                                                                                 |                 |
|-------------------------------------------------------------------------------------------------|-----------------|
| John Garfield, M.D., returning 5 births, 1884 and 1885 . . . . .                                | \$1 25          |
| Julius S. Clark, M.D. " 39 " " . . . . .                                                        | 9 75            |
| Charles C. Odlin, M.D. " 38 " " . . . . .                                                       | 9 50            |
| Geo. B. Langmaid, M.D. " 7 " " . . . . .                                                        | 1 75            |
| Annie M. Sallee, M.D. " 5 " " . . . . .                                                         | 1 25            |
| S. A. Kimball, M.D. " 3 " " . . . . .                                                           | 75              |
| C. B. Shute, M.D. " 5 " " . . . . .                                                             | 1 25            |
| John Larrabee, collecting, recording and returning births, deaths and marriages, 1884 . . . . . | 83 90           |
| John Larrabee, cash paid, stationery, postage, &c. . . . .                                      | 4 35            |
| John Larrabee, services preparing reports, 1884, and extra services . . . . .                   | 40 00           |
| W. L. Williams, printing warrants, notices, voting lists, advertising, &c. . . . .              | 156 18          |
| <i>Amount carried forward . . . . .</i>                                                         | <u>\$309 93</u> |

|                                                              |          |
|--------------------------------------------------------------|----------|
| <i>Amount brought forward</i>                                | \$309 93 |
| T. W. Ripley, printing of reports                            | 226 40   |
| P. M. Murphy, printing licenses                              | 1 50     |
| A. W. Haskell, collectors' book                              | 7 00     |
| C. H. Whiting, record books, &c.                             | 9 25     |
| G. H. Crockett & Co., painting signs                         | 10 00    |
| O. E. Drown, frames for voting lists                         | 3 25     |
| Eastman's Express                                            | 5 80     |
| Oran Brown, damages to team                                  | 20 00    |
| Register of deeds, recording deed                            | 1 00     |
| Gooch & Burdett, legal services                              | 15 00    |
| William S. Bryden, veterinary, advice                        | 2 00     |
| G. C. Stantial, services as clerk for selectmen              | 25 00    |
| G. C. Stantial, carriage for assessors                       | 10 00    |
| C. T. Stevens, ringing bell                                  | 6 00     |
| Samuel Lear, " "                                             | 6 00     |
| F. M. McLaughlin, " "                                        | 6 00     |
| O. E. Drown, " "                                             | 6 00     |
| F. T. & C. E. Palmer, glazing                                | 1 80     |
| H. B. Newhall, posting notices                               | 5 00     |
| A. B. Pierce, serving warrants, notices, &c.                 | 83 25    |
| A. B. Pierce & Son, undertakers, returning 101 deaths (1885) | 25 25    |
| H. B. Jacobs, undertaker, returning 5 deaths                 | 1 25     |
| P. J. McMahon, " " 3 "                                       | 75       |
| "Daily Advertiser," advertising reward                       | 4 20     |
| Globe Newspaper Co., " "                                     | 10 80    |
| Journal " " " "                                              | 5 63     |
| R. Worthington & Co., " "                                    | 6 00     |
| R. M. Pulsifer & Co., " "                                    | 3 75     |
| George Newhall, cash paid for stamps                         | 4 00     |
| Battery C, M.V.M., salute July 4                             | 50 00    |
| George W. Bartlett, carriage hire                            | 21 00    |
| O. E. Drown, services (Board of Health)                      | 15 65    |
| <i>Amount carried forward</i>                                | \$908 46 |

|                                          |          |
|------------------------------------------|----------|
| <i>Amount brought forward</i>            | \$908 46 |
| Carter, Harris & Hawley, sulphur         | 1 25     |
| M. O. Howes, distributing health notices | 3 50     |
| H. E. Murch, lettering drinking fountain | 7 00     |
| J. A. Dill, lunch                        | 5 00     |
|                                          | <hr/>    |
|                                          | \$925 21 |

*Grant Memorial Services.*

|                                   |          |
|-----------------------------------|----------|
| George L. Westgate, cambric       | \$80 40  |
| C. G. Harris, cambric             | 10 47    |
| O. E. Drown, labor,               | 26 25    |
| F. M. McLaughlin, "               | 7 50     |
| John H. Gately, "                 | 8 75     |
| A. J. Barlow, "                   | 6 25     |
| R. M. Rand, "                     | 4 50     |
| Pliny Edson, flags                | 1 20     |
| Justus Geist, floral design       | 6 00     |
| E. W. Dowling, decorations        | 4 00     |
| O. F. Ingalls, shield, &c.        | 1 25     |
| H. G. Eagan, lithographs          | 60       |
| S. S. Preble, expense, music, &c. | 1 50     |
| H. B. Covel, lettering            | 2 00     |
|                                   | <hr/>    |
|                                   | \$160 67 |

*Recapitulation.*

|                         |            |
|-------------------------|------------|
| Appropriations          | \$950 00   |
| Balance from last year  | 5 35       |
| Receipts                | 28 00      |
|                         | <hr/>      |
|                         | \$983 35   |
| Incidental expenses     | \$925 21   |
| Grant memorial services | 160 67     |
|                         | <hr/>      |
|                         | \$1,085 88 |
| Expenditures exceed     | 102 53     |
|                         | <hr/>      |
|                         | \$1,085 88 |



## SUPPORT OF POOR.

## EXPENDED.

*For Groceries, Provisions, Supplies, &c.*

|                                          |   |   |            |
|------------------------------------------|---|---|------------|
| L. F. Hinckley, groceries and provisions | . | . | \$311 80   |
| Bugbee & Barrett, " "                    | . | . | 237 24     |
| Frost & Hawes, " "                       | . | . | 171 55     |
| W. H. Wells, " . . .                     | . | . | 12 00      |
| Lawrence Leonard, " . . .                | . | . | 156 00     |
| L. W. Gilman, " and provisions           | . | . | 52 35      |
| A. E. Gates, " "                         | . | . | 10 00      |
| James Worthen, " "                       | . | . | 181 22     |
| J. A. Dill, bread . . . . .              | . | . | 19 95      |
| McConnell Bros., bread . . . . .         | . | . | 12 00      |
| Michael Kelly, milk . . . . .            | . | . | 11 28      |
| Angevine Bros. " . . . . .               | . | . | 4 64       |
|                                          |   |   | <hr/>      |
|                                          |   |   | \$1,180 03 |

*Fuel.*

|                            |   |   |          |
|----------------------------|---|---|----------|
| F. R. Upham . . . . .      | . | . | \$13 25  |
| M. F. Eastman . . . . .    | . | . | 76 33    |
| James Marshall . . . . .   | . | . | 101 17   |
| S. E. Benson . . . . .     | . | . | 56 04    |
| Lawrence Leonard . . . . . | . | . | 8 25     |
|                            |   |   | <hr/>    |
|                            |   |   | \$255 04 |

*Medical Attendance, Medicines and Nurses.*

|                                         |   |   |          |
|-----------------------------------------|---|---|----------|
| J. S. Clark, M.D. . . . .               | . | . | \$65 50  |
| George B. Langmaid, M.D. . . . .        | . | . | 20 00    |
| S. A. Kimball, M.D. . . . .             | . | . | 3 00     |
| John Larrabee, medicines . . . . .      | . | . | 53 96    |
| Mrs. Almira Keith, nursing . . . . .    | . | . | 24 00    |
| " Rupert Everton " . . . . .            | . | . | 5 00     |
| " Charles Sanborn " . . . . .           | . | . | 8 00     |
|                                         |   |   | <hr/>    |
| <i>Amount carried forward</i> . . . . . | . | . | \$179 46 |

|                               |          |
|-------------------------------|----------|
| <i>Amount brought forward</i> | \$179 46 |
| Mrs. Ann Stebbins, nursing    | 6 00     |
| Miss A. M. Conway "           | 5 00     |
| George Gobel and wife "       | 38 58    |
| Michael Kelly, care of        | 28 00    |
|                               | <hr/>    |
|                               | \$257 04 |

*For Support of Insane.*

|                               |            |
|-------------------------------|------------|
| Asylum for Chronic Insane     | \$273 45   |
| State Hospital for the Insane | 193 96     |
| Worcester Lunatic Hospital    | 341 39     |
| Danvers' " "                  | 584 75     |
| Commonwealth of Massachusetts | 287 39     |
|                               | <hr/>      |
|                               | \$1,680 94 |

*Burial Expenses.*

|                                                |          |
|------------------------------------------------|----------|
| A. B. Pierce & Son, undertakers, services, &c. | \$105 00 |
|------------------------------------------------|----------|

*Outside Relief.*

|                 |          |
|-----------------|----------|
| City of Malden  | \$479 35 |
| " " Cambridge   | 1 50     |
| " " Lowell      | 82 46    |
| " " Boston      | 99 67    |
| " " Lynn        | 51 00    |
| Town of Methuen | 49 59    |
|                 | <hr/>    |
|                 | \$763 57 |

*Board and Clothing.*

|                               |          |
|-------------------------------|----------|
| S. M. M. McLoon               | \$54 87  |
| St. Vincent's Asylum          | 72 00    |
| F. E. Upham, board of child   | 22 50    |
| " " clothing for child        | 48 00    |
| Mrs. P. R. Ellis              | 18 00    |
| A. Johnson                    | 6 25     |
| A. M. Conway                  | 15 00    |
|                               | <hr/>    |
| <i>Amount carried forward</i> | \$236 62 |

|                               |          |
|-------------------------------|----------|
| <i>Amount brought forward</i> | \$236 62 |
| Ann Stebbins                  | 97 50    |
| E. J. Barron                  | 169 00   |
| C. S. Jones                   | 12 86    |
| Jane H. Furber                | 56 00    |
|                               | <hr/>    |
|                               | \$571 98 |

*Rents.*

|                                    |          |
|------------------------------------|----------|
| Dexter Bryant, 16 months           | \$32 00  |
| G. N. Harris, agent, 19 weeks      | 25 65    |
| R. P. Barry, 8 months              | 48 00    |
| Charles Ramsdell, 34 weeks, 2 days | 34 29    |
| Cynthia Howard, 6 months           | 18 00    |
| John W. Cobb, 18 months            | 72 00    |
| George B. Rogers, one year         | 96 00    |
| W. J. Farnsworth, 39 weeks         | 58 50    |
|                                    | <hr/>    |
|                                    | \$384 44 |

*Sundries.*

|                                 |          |
|---------------------------------|----------|
| S. F. Barrett, tickets          | \$4 51   |
| Bridget Woods, washing clothes  | 12 00    |
| Babb & Stephens, printing       | 6 00     |
| G. W. Bartlett, carriage hire   | 1 00     |
| C. G. Harris, dry goods         | 17 02    |
| H. G. Fields, cash              | 28 00    |
| "      "      boots, shoes, &c. | 94 55    |
| "      "      car fares, &c.    | 4 57     |
| O. E. Drown, meals to tramps    | 21 75    |
|                                 | <hr/>    |
|                                 | \$189 40 |

## RECAPITULATION.

|                                           |            |
|-------------------------------------------|------------|
| Groceries, provisions, supplies, &c.      | \$1,180 03 |
| Fuel                                      | 255 04     |
| Medical attendance, medicines and nursing | 257 04     |
| Support of insane                         | 1,680 94   |
|                                           | <hr/>      |
| <i>Amount carried forward</i>             | \$3,373 05 |

|                               |   |   |   |   |            |
|-------------------------------|---|---|---|---|------------|
| <i>Amount brought forward</i> | . | . | . | . | \$3,373 05 |
| Burial expenses               | . | . | . | . | 105 00     |
| Outside relief                | . | . | . | . | 763 57     |
| Board and clothing            | . | . | . | . | 571 98     |
| Rents                         | . | . | . | . | 384 44     |
| Sundries                      | . | . | . | . | 189 40     |
|                               |   |   |   |   | <hr/>      |
|                               |   |   |   |   | \$5,387 44 |

## CONTRA.

|                        |   |   |   |   |            |
|------------------------|---|---|---|---|------------|
| Appropriation          | . | . | . | . | \$4,000 00 |
| Balance from last year | . | . | . | . | 645 64     |
|                        |   |   |   |   | <hr/>      |
|                        |   |   |   |   | \$4,645 64 |

*Receipts.*

|                                  |   |   |   |            |
|----------------------------------|---|---|---|------------|
| From state treasurer             | . | . | . | \$101 50   |
| City of Boston                   | . | . | . | 119 08     |
| " Cambridge                      | . | . | . | 212 56     |
| " Somerville                     | . | . | . | 65 13      |
| Town of Woburn                   | . | . | . | 45 65      |
| " Beverly                        | . | . | . | 98 13      |
| " Warren                         | . | . | . | 145 73     |
| " Stoneham                       | . | . | . | 68 75      |
| " Middleton                      | . | . | . | 34 85      |
| " Falmouth                       | . | . | . | 80 40      |
| " Hingham                        | . | . | . | 4 25       |
| " Yarmouth                       | . | . | . | 7 00       |
| H. G. Fields, money refunded     | . | . | . | 16 00      |
| Peter Edgerly, board of daughter | . | . | . | 169 46     |
|                                  |   |   |   | <hr/>      |
|                                  |   |   |   | 1,168 49   |
|                                  |   |   |   | <hr/>      |
|                                  |   |   |   | \$5,814 13 |
| Balance unexpended               | . | . | . | \$426 69   |

Note.—Due this account from City of Somerville, \$38.00.

## STATE AID.

Received from state treasurer on account of  
 amount paid during the year 1884 . . . \$669 00

PAID DISABLED SOLDIERS AND DEPENDENT RELATIVES DURING  
 YEAR 1885.

|                             |          |
|-----------------------------|----------|
| Samuel Sprague . . . . .    | \$36 00  |
| George C. Bucknam . . . . . | 48 00    |
| William Story . . . . .     | 48 00    |
| George A. Tainter . . . . . | 36 00    |
| Daniel D. Penney . . . . .  | 48 00    |
| Harriet N. Lynde . . . . .  | 48 00    |
| Sarah Barrett . . . . .     | 48 00    |
| Mary F. Howard . . . . .    | 48 00    |
| Maria G. Colson . . . . .   | 48 00    |
| Helen E. Poole . . . . .    | 48 00    |
| Alvin Drake . . . . .       | 21 00    |
| Charles H. Young . . . . .  | 72 00    |
| Benjamin F. Gibbs . . . . . | 12 00    |
| Ann M. Jewett . . . . .     | 48 00    |
| Sarah P. Roberts . . . . .  | 48 00    |
| Rebecca H. French . . . . . | 40 00    |
| John H. Guild . . . . .     | 40 00    |
| Bridget Dolan . . . . .     | 32 00    |
| Moses P. Mitchell . . . . . | 18 00    |
|                             | <hr/>    |
|                             | \$787 00 |

## MILITARY AID.

Received from state treasurer on account of aid  
 paid in 1884 . . . . . \$391 00  
 [Sums paid under provisions chap. 252, Acts of  
 1879. One half refunded by the state.]  
 George W. Grover . . . . . \$96 00  
 Amount carried forward . . . . . \$96 00

|                               |          |
|-------------------------------|----------|
| <i>Amount brought forward</i> | \$96 00  |
| Lawrence Reardon              | 48 00    |
| Ede K. Chase                  | 72 00    |
| William B. York               | 96 00    |
| Horace W. Stevens             | 54 00    |
| William A. Johnson            | 28 00    |
| Benjamin F. York              | 30 00    |
| Torry Peabody                 | 24 00    |
| Charles S. Jones              | 54 00    |
|                               | <hr/>    |
|                               | \$502 00 |

## FIRE DEPARTMENT.

|               |            |
|---------------|------------|
| Appropriation | \$2,300 00 |
| For new hose  | 400 00     |
|               | <hr/>      |
|               | \$2,700 00 |

## EXPENDED.

*Bigelow Hook and Ladder Company, No. 1.*

|                                           |          |
|-------------------------------------------|----------|
| Services of men, one year                 | \$400 00 |
| Services of steward, one year             | 40 00    |
| S. E. Benson, coal                        | 1 65     |
| Edwards Brothers, shaft, reel and repairs | 28 50    |
| A. L. Maclachlan, straps                  | 5 00     |
| C. W. H. Moulton & Co., ladders           | 39 22    |
| Eastman's Express, horse hire             | 33 00    |
|                                           | <hr/>    |
|                                           | \$547 37 |

*Russell Hose Company, No. 1.*

|                                 |          |
|---------------------------------|----------|
| Services of men, one year       | \$248 32 |
| Services of steward, one year   | 40 00    |
| Malden & Melrose Gas Light Co.  | 18 50    |
| A. W. Parker, painting carriage | 29 50    |
| Edwards Brothers, bolts         | 75       |
|                                 | <hr/>    |
| <i>Amount carried forward</i>   | \$337 07 |

|                               |          |
|-------------------------------|----------|
| <i>Amount brought forward</i> | \$337 07 |
| S. E. Benson, coal            | 12 25    |
| Bugbee & Barrett, sundries    | 2 72     |
| M. F. Eastman, coal           | 4 95     |
|                               | <hr/>    |
|                               | \$356 99 |

*N. D. Blake Hose Company, No. 2.*

|                                     |          |
|-------------------------------------|----------|
| Services of men, one year           | \$235 00 |
| Services of steward, one year       | 40 00    |
| Horse hire                          | 18 00    |
| L. W. Gilman, rent (fifteen months) | 187 50   |
| A. W. Parker, glazing               | 1 00     |
| Malden & Melrose Gas Light Co.      | 21 00    |
| Bugbee & Barrett, sundries          | 50       |
| S. E. Benson, coal                  | 6 00     |
| M. F. Eastman, wood and coal        | 10 90    |
| J. Singer, Jr., sundries            | 3 10     |
| J. M. Keen, painting carriage       | 25 00    |
|                                     | <hr/>    |
|                                     | \$548 00 |

*Highland Hose Company, No. 3.*

|                                           |          |
|-------------------------------------------|----------|
| Services of men, one year                 | \$258 34 |
| Services of steward, one year             | 40 00    |
| Horse hire                                | 2 00     |
| John Singer, Jr., sundries                | 14 81    |
| S. E. Benson, wood and coal               | 12 75    |
| Samuel Lear, stock and labor              | 2 00     |
| M. F. Eastman, wood and coal              | 21 35    |
| J. C. Howes, stove, &c.                   | 25 15    |
| J. M. Keen, painting carriage and repairs | 26 25    |
|                                           | <hr/>    |
|                                           | \$402 65 |

## CONTINGENT EXPENSES.

|                               |         |
|-------------------------------|---------|
| Board of engineers, services  | \$71 00 |
| “ “ badges                    | 4 00    |
|                               | <hr/>   |
| <i>Amount carried forward</i> | \$75 00 |



## FINANCIAL STATEMENT.

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|                                                              |                |                 |
|--------------------------------------------------------------|----------------|-----------------|
| <i>Amount brought forward</i>                                |                | \$75 00         |
| Eastman's Express                                            |                | 2 40            |
| W. H. Turner & Co., 600 feet hose, cotton, R.L.<br>2½ inches |                | 456 00          |
| John Singer, Jr., cash paid                                  |                |                 |
| for rubber coats                                             | \$30 00        |                 |
| for lanterns                                                 | 39 00          |                 |
| for sundries                                                 | 7 00           |                 |
|                                                              | <u>\$76 00</u> |                 |
| Less cash rec'd for condemned hose                           | 34 00          |                 |
|                                                              | <u></u>        | 42 00           |
| R. M. Rand, care of Endeavor engine                          |                | 5 00            |
| M. F. Eastman, cannal coal for steamer                       |                | 3 50            |
|                                                              |                | <u>\$583 90</u> |

## RECAPITULATION.

|                           |                   |
|---------------------------|-------------------|
| Bigelow Hook & Ladder Co. | \$547 37          |
| Russell Hose Co.          | 356 99            |
| N. D. Blake Hose Co.      | 548 00            |
| Highland Hose Co.         | 402 65            |
| Contingent expenses       | 583 90            |
|                           | <u>\$2,438 91</u> |

## CONTRA.

|                    |                   |
|--------------------|-------------------|
| Appropriation      | \$2,700 00        |
| Balance unexpended | 261 09            |
|                    | <u>\$2,700 00</u> |
|                    | <u>\$2,700 00</u> |

## TOWN HALL.

## EXPENDED.

|                                          |                 |
|------------------------------------------|-----------------|
| O. E. Drown, janitor, 1 year             | \$300 00        |
| " " sundries and labor                   | 13 89           |
| J. C. Howes, repairs, labor on vase, &c. | 70 39           |
| <i>Amount carried forward</i>            | <u>\$384 28</u> |

|                                                                     |            |
|---------------------------------------------------------------------|------------|
| <i>Amount brought forward</i> . . . .                               | \$384 28   |
| M. F. Eastman, coal and lawn dressing . .                           | 255 75     |
| A. W. Parker, glazing . . . .                                       | 5 90       |
| Nathaniel Tufts, lantern . . . .                                    | 12 00      |
| H. Cummings, gas and steam fitting . .                              | 37 75      |
| Lawrence Wilde & Co., furniture . . .                               | 6 00       |
| Daniel Norton, rope . . . .                                         | 2 50       |
| Melrose Lyceum, part cost, extra seats . .                          | 25 00      |
| A. C. Currier, gas burners . . . .                                  | 2 25       |
| Malden & Melrose Gas Light Co., 135,100 cubic<br>feet gas . . . . . | 337 75     |
| John Larrabee, sundries . . . .                                     | 1 60       |
| Bugbee & Barrett, sundries . . . .                                  | 15 65      |
| Edwards Bros., sharpening lawn mower . .                            | 1 50       |
| Thomas Kerwin & Co., cleaning cesspool . .                          | 10 00      |
| C. S. Parker & Sons, repairing roof . . .                           | 113 34     |
| F. R. Upham, cedar posts for fence . . .                            | 13 50      |
| D. R. Woodward, stock and labor . . . .                             | 67 15      |
| J. P. Deering, fence stock . . . .                                  | 53 83      |
| A. W. Caswell, painting fence . . . .                               | 17 00      |
|                                                                     | <hr/>      |
|                                                                     | \$1,362 75 |

## RECEIPTS.

For use of hall : —

|                                   |          |
|-----------------------------------|----------|
| Jubilee Singers . . . .           | \$20 00  |
| Miniature Patti Concert Co. . . . | 25 00    |
| Melrose Athletic Club . . . .     | 30 00    |
| Firemen . . . .                   | 25 00    |
| Mrs. G. N. Bordman . . . .        | 25 00    |
| Universalist Society . . . .      | 60 00    |
| Catholic Society . . . .          | 74 00    |
| Committee meetings, &c. . . .     | 15 00    |
| Melrose Lyceum . . . .            | 200 00   |
|                                   | <hr/>    |
|                                   | \$474 00 |

*Amount carried forward* . . . . \$474 00

|                                         |            |
|-----------------------------------------|------------|
| <i>Amount brought forward</i> . . . . . | \$474 00   |
| For rent of room :                      |            |
| Melrose Savings Bank, 1 year . . . . .  | 100 00     |
|                                         | <hr/>      |
|                                         | \$574 00   |
| Expenditures exceed . . . . .           | 788 75     |
|                                         | <hr/>      |
|                                         | \$1,362 75 |

---

## STREET LIGHTS.

|                                  |            |
|----------------------------------|------------|
| Appropriation . . . . .          | \$1,700 00 |
| Balance from last year . . . . . | 224 76     |
|                                  | <hr/>      |
|                                  | \$1,924 76 |

## EXPENDED.

|                                                                                                                              |            |
|------------------------------------------------------------------------------------------------------------------------------|------------|
| Wheeler Reflector Co., for lighting and care of<br>119 to 132 lamps, for one year, 30,579<br>lightings at 4½ cents . . . . . | \$1,376 08 |
| Malden & Melrose Gas Light Co., lighting and<br>care of 29 lamps, 10½ months . . . . .                                       | 458 79     |
| J. C. Howes, repairs . . . . .                                                                                               | 38 61      |
| Malden & Melrose Gas Light Co., removing post,<br>&c. . . . .                                                                | 2 02       |
|                                                                                                                              | <hr/>      |
|                                                                                                                              | \$1,875 50 |
| Balance unexpended . . . . .                                                                                                 | 49 26      |
|                                                                                                                              | <hr/>      |
|                                                                                                                              | \$1,924 76 |

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## ADDITIONAL STREET LAMPS.

|                              |          |
|------------------------------|----------|
| Appropriation . . . . .      | \$75 00  |
| Balance unexpended . . . . . | 55 45    |
|                              | <hr/>    |
|                              | \$130 45 |

## EXPENDED.

|                                                                   |          |
|-------------------------------------------------------------------|----------|
| Wheeler Reflector Co., 12 lanterns, frames, posts,<br>&c. . . . . | \$60 40  |
| Eastman's Express . . . . .                                       | 1 40     |
|                                                                   | <hr/>    |
|                                                                   | \$61 80  |
| Balance unexpended . . . . .                                      | 68 65    |
|                                                                   | <hr/>    |
|                                                                   | \$130 45 |

## ARMORY RENT.

|                                                                             |          |
|-----------------------------------------------------------------------------|----------|
| H. A. Leonard, rent for 1 year . . . . .                                    | \$400 00 |
| Received from state treasurer on account of rent<br>for year 1884 . . . . . | \$400 00 |

## MEMORIAL DAY.

|                                                                      |          |
|----------------------------------------------------------------------|----------|
| Appropriation . . . . .                                              | \$200 00 |
| Paid E. C. Gould, Commander Post 4, G.A.R.,<br>as per vote . . . . . | \$200 00 |

## HIGHWAYS.

|                                                                                   |            |
|-----------------------------------------------------------------------------------|------------|
| Appropriation . . . . .                                                           | \$3,500 00 |
| Appropriation to replace amount expended on<br>Orris and Warren streets . . . . . | 200 00     |
| Balance from last year . . . . .                                                  | 532 02     |
|                                                                                   | <hr/>      |
|                                                                                   | \$4,232 02 |

## RECEIPTS.

|                                                          |            |
|----------------------------------------------------------|------------|
| Highland Congregational Church, digging cellar . . . . . | 62 50      |
| B. F. Dyer . . . . .                                     | 24 64      |
| Charles B. Hill . . . . .                                | 5 00       |
|                                                          | <hr/>      |
|                                                          | \$4,324 16 |

## EXPENDED. — FOR LABOR AND TEAMS.

James Marshall, Supt. : —

|                                            |            |
|--------------------------------------------|------------|
| 131½ days at \$2.50 per day . . .          | \$328 74   |
| Laborers, 1575½ days at \$1.76 per day . . | 2,772 65   |
| Teams, 519¼ days at \$1.50 per day . . .   | 778 86     |
|                                            | <hr/>      |
|                                            | \$3,880 25 |

Of the above there was expended in months as follows : —

|                     |            |
|---------------------|------------|
| January . . . . .   | \$45 84    |
| February . . . . .  | 77 02      |
| March . . . . .     | 41 32      |
| April . . . . .     | 957 29     |
| May . . . . .       | 659 24     |
| June . . . . .      | 647 76     |
| July . . . . .      | 470 51     |
| August . . . . .    | 340 64     |
| September . . . . . | 200 20     |
| November . . . . .  | 352 38     |
| December . . . . .  | 88 05      |
|                     | <hr/>      |
|                     | \$3,880 25 |

*Sundries.*

|                                              |          |
|----------------------------------------------|----------|
| J. P. Deering, lumber . . . . .              | \$14 83  |
| Eastman's Express . . . . .                  | 95       |
| J. C. Howes, labor and drain pipe . . .      | 20 24    |
| C. H. Thompson & Co., shovels and barrow .   | 6 50     |
| A. J. Wilkinson & Co., fencing and staples . | 4 33     |
| G. W. Bartlett, teams . . . . .              | 10 00    |
| Bugbee Barrett, hoes, &c. . . . .            | 2 90     |
| H. C. Richardson, watering streets . . .     | 45 50    |
| J. O. Chandler, sharpening tools . . .       | 57 05    |
| Edwards Brothers, repairing snow-plough .    | 4 50     |
| H. E. Murch, labor on edgestones . . .       | 1 50     |
|                                              | <hr/>    |
| Amount carried forward . . . . .             | \$168 30 |

|                                                  |          |
|--------------------------------------------------|----------|
| <i>Amount brought forward</i>                    | \$168 30 |
| Geo. W. Burke, filling and labor on Franklin st. | 25 00    |
| Dexter Byrant, damages on Emerson street         | 20 00    |
| Nelson Cochran, surveying                        | 41 75    |
| Charles Mills                                    | 7 82     |
| Frank Gibbons, 1195 loads gravel                 | 59 75    |
| Frank Gibbons, 18½ perch stone                   | 9 25     |
| E. Fuller, 195 loads gravel                      | 11 70    |
|                                                  | <hr/>    |
|                                                  | \$343 57 |

## RECAPITULATION.

|                        |            |
|------------------------|------------|
| Appropriations         | \$3,700 00 |
| Balance from last year | 532 02     |
| Receipts               | 92 14      |
|                        | <hr/>      |
|                        | \$4,324 16 |

## EXPENDED.

|                     |            |
|---------------------|------------|
| For labor and teams | \$3,880 25 |
| For sundries        | 343 57     |
|                     | <hr/>      |
|                     | \$4,223 82 |
| Balance unexpended  | 100 34     |
|                     | <hr/>      |
|                     | \$4,324 16 |

## TREMONT STREET SIDEWALK.

|               |          |
|---------------|----------|
| Appropriation | \$500 00 |
|---------------|----------|

## EXPENDED.

|                                                    |         |
|----------------------------------------------------|---------|
| James Marshall, Supt., 11½ days, at \$2.50 per day | \$28 75 |
|----------------------------------------------------|---------|

*Laborers.*

|                               |          |
|-------------------------------|----------|
| 136 days, at \$1.76 per day   | 239 36   |
|                               | <hr/>    |
| <i>Amount carried forward</i> | \$268 11 |

*Amount brought forward* . . . . \$268 11

*Teams.*

|                                          |          |
|------------------------------------------|----------|
| 38 $\frac{1}{4}$ days, at \$1.50 per day | 57 37    |
| Boston & Maine R.R., 150 old ties        | 15 00    |
| D. R. Woodward, labor and nails          | 37 00    |
| J. P. Deering, plank                     | 102 77   |
| George F. Boardman, 118 loads gravel     | 11 80    |
|                                          | <hr/>    |
|                                          | \$492 05 |
| Balance unexpended                       | 7 95     |
|                                          | <hr/>    |
|                                          | \$500 00 |

ORRIS AND WARREN STREETS.

Appropriation . . . . . \$600 00

EXPENDED.

James Marshall, Supt., 20 $\frac{1}{4}$  days, at \$2.50 per day \$50 62

*Laborers.*

269 $\frac{3}{4}$  days, at \$1.76 per day . . . . 474 76

*Teams.*

|                                          |          |
|------------------------------------------|----------|
| 49 $\frac{1}{2}$ days, at \$1.50 per day | 74 24    |
|                                          | <hr/>    |
|                                          | \$599 62 |
| Balance unexpended                       | 38       |
|                                          | <hr/>    |
|                                          | \$600 00 |

NOTE. — \$200 was expended on these streets from the highway appropriation, previous to the above.



## WASHINGTON STREET.

|                         |          |
|-------------------------|----------|
| Appropriation . . . . . | \$200 00 |
|-------------------------|----------|

## EXPENDED.

|                                                  |          |
|--------------------------------------------------|----------|
| James Marshall, Supt., 7 days, at \$2.50 per day | \$17 50  |
| Laborers, 80 days, at \$1.76 per day . . .       | 140 80   |
| Teams, 17½ days, at \$1.50 per day . . .         | 26 25    |
|                                                  | <hr/>    |
|                                                  | \$184 55 |
| Balance unexpended . . . . .                     | 15 45    |
|                                                  | <hr/>    |
|                                                  | \$200 00 |

## CROSSINGS AND GUTTERS.

|                                  |          |
|----------------------------------|----------|
| Appropriation . . . . .          | \$150 00 |
| Balance from last year . . . . . | 62 39    |
|                                  | <hr/>    |
|                                  | \$212 39 |

## EXPENDED.

|                                                                                  |          |
|----------------------------------------------------------------------------------|----------|
| Walter B. Ellis, 272½ yards concrete crossing,<br>at 40 cents per yard . . . . . | \$109 20 |
| 261¾ yards concrete gutters, at 30 cents<br>per yard . . . . .                   | 78 50    |
| For repairs . . . . .                                                            | 15 00    |
|                                                                                  | <hr/>    |
|                                                                                  | \$202 70 |
| Balance unexpended . . . . .                                                     | 9 69     |
|                                                                                  | <hr/>    |
|                                                                                  | \$212 39 |

## DRAINAGE.

|                                  |          |
|----------------------------------|----------|
| Appropriation . . . . .          | \$300 00 |
| Balance from last year . . . . . | 116 47   |
|                                  | <hr/>    |
|                                  | \$416 47 |

## EXPENDED.

|                                                  |          |
|--------------------------------------------------|----------|
| James Marshall, Supt., 13 days' labor, at \$2.50 |          |
| per day . . . . .                                | \$32 50  |
| Laborers, 102 days, at \$1.76 per day . . .      | 179 52   |
| Teams, 12½ days at \$1.50 per day . . .          | 18 75    |
| J. A. Ramsdell, 265 square feet covering stone . | 53 00    |
| Edmands & Co., 100 feet 12-inch pipe . . .       | 32 00    |
|                                                  | <hr/>    |
|                                                  | \$315 77 |
| Balance unexpended . . . . .                     | 100 70   |
|                                                  | <hr/>    |
|                                                  | \$416 47 |

## SIDEWALKS.

|                                  |            |
|----------------------------------|------------|
| Appropriation . . . . .          | \$900 00   |
| Balance from last year . . . . . | 161 87     |
|                                  | <hr/>      |
|                                  | \$1,061 87 |

## EXPENDED.

*Labor and Teams.*

|                                     |          |
|-------------------------------------|----------|
| James Marshall, Supt., 17¼ days, at |          |
| \$2.50 . . . . .                    | \$43 12  |
| Laborers, 197 days, at \$1.76 . . . | 346 72   |
| Teams, 41¾ days, at \$1.50 . . .    | 62 75    |
|                                     | <hr/>    |
|                                     | \$452 59 |

*Concrete.*

|                                      |          |
|--------------------------------------|----------|
| W. F. Conant, one half expense of    |          |
| laying 60 yards concrete, at 30      |          |
| cents . . . . .                      | \$9 00   |
| Walter B. Ellis, one half expense of |          |
| laying 1873½ yards concrete, at 30   |          |
| cents . . . . .                      | 281 03   |
|                                      | <hr/>    |
|                                      | 290 03   |
| Amount carried forward . . . . .     | \$742 62 |

|                                                                                |          |
|--------------------------------------------------------------------------------|----------|
| <i>Amount brought forward</i> . . . . .                                        | \$742 62 |
| Walter B. Ellis, for laying 688½ yards<br>concrete, at 30 cents . . . . .      | \$206 58 |
| Walter B. Ellis, for top dressing 499<br>yards concrete, at 15 cents . . . . . | 74 85    |
| Walter B. Ellis, for tar dressing 522<br>yards concrete, at 5 cents . . . . .  | 26 10    |
|                                                                                | <hr/>    |
|                                                                                | 307 53   |

*Sundries.*

|                                               |            |
|-----------------------------------------------|------------|
| T. R. Newhall, 5 feet curbstone . . . . .     | \$2 25     |
| W. B. Ellis, 10 feet circular stone . . . . . | 6 00       |
|                                               | <hr/>      |
|                                               | 8 25       |
|                                               | <hr/>      |
|                                               | \$1,058 40 |
| Balance unexpended . . . . .                  | 3 47       |
|                                               | <hr/>      |
|                                               | \$1,061 87 |

## DRINKING FOUNTAIN.

|                                  |          |
|----------------------------------|----------|
| Balance from last year . . . . . | \$100 00 |
|----------------------------------|----------|

## EXPENDED.

|                                               |          |
|-----------------------------------------------|----------|
| For labor . . . . .                           | \$18 06  |
| " teams . . . . .                             | 3 00     |
| Patrick Cullen, labor and stone . . . . .     | 16 90    |
| Fulton Iron Foundry Co., iron plate . . . . . | 4 55     |
| John Binney & Son, lantern . . . . .          | 11 75    |
| Thomas McCoubry, lantern frame, &c. . . . .   | 15 00    |
| J. C. Howes, pipe and labor . . . . .         | 42 97    |
|                                               | <hr/>    |
|                                               | \$112 23 |

Expenditures exceed, \$12.23

## HIGHLAND SCHOOL BUILDING.

|                                  |          |
|----------------------------------|----------|
| Balance from last year . . . . . | \$530 58 |
|----------------------------------|----------|

## EXPENDED.

|                                   |          |          |
|-----------------------------------|----------|----------|
| Paid committee's orders . . . . . | \$571 60 |          |
| Expenditures exceed . . . . .     |          | 41 02    |
|                                   | <hr/>    | <hr/>    |
|                                   | \$571 60 | \$571 60 |

## INSURANCE.

No appropriation.

## EXPENDED.

|                                                                                                               |          |
|---------------------------------------------------------------------------------------------------------------|----------|
| W. D. Serrat, policies on hose house Franklin street, Centre School building, Fells School building . . . . . | \$297 49 |
| R. B. Leighton, furniture in Grove-street School building . . . . .                                           | 30 00    |
|                                                                                                               | <hr/>    |
|                                                                                                               | \$327 49 |

## STEAM FIRE ENGINE.

|                         |            |
|-------------------------|------------|
| Appropriation . . . . . | \$3,500 00 |
|-------------------------|------------|

## EXPENDED.

|                                                 |            |
|-------------------------------------------------|------------|
| Expense of committee to Pawtucket, R.I. . . . . | 15 25      |
| Balance unexpended . . . . .                    | <hr/>      |
|                                                 | \$3,484 75 |

## INTEREST.

|                                                                                         |            |
|-----------------------------------------------------------------------------------------|------------|
| Appropriation . . . . .                                                                 | \$6,000 00 |
| Balance from last year . . . . .                                                        | 296 02     |
| Received as interest collected on taxes from Jonathan C. Howes, 1882 and 1883 . . . . . | 199 55     |
| <i>Amount carried forward . . . . .</i>                                                 | <hr/>      |
|                                                                                         | \$6,495 57 |

|                                         |            |
|-----------------------------------------|------------|
| <i>Amount brought forward</i> . . . . . | \$6,495 57 |
| Lewis G. Coburn, 1884 . . . . .         | 839 21     |
| M. F. Eastman, 1885 . . . . .           | 72 58      |
|                                         | <hr/>      |
|                                         | \$7,407 36 |

## EXPENDED.

|                                                                |            |
|----------------------------------------------------------------|------------|
| Interest on town hall bonds (\$65,000) at 7 per cent . . . . . | \$4,550 00 |
| on note to Lowell Institution for Savings . . . . .            | 1,200 00   |
| on notes to Commonwealth of Mass. . . . .                      | 620 00     |
| on notes to Melrose Savings Bank . . . . .                     | 171 11     |
| on notes sold various persons . . . . .                        | 493 75     |
|                                                                | <hr/>      |
|                                                                | \$7,034 86 |
| Balance unexpended . . . . .                                   | 372 50     |
|                                                                | <hr/>      |
|                                                                | \$7,407 36 |

## MELROSE WATER FUND.

## DR.

|                                                                                        |             |
|----------------------------------------------------------------------------------------|-------------|
| Paid interest on bonds, \$150,000, at 6 per cent per annum . . . . .                   | \$9,000 00  |
| bills on account of construction and maintenance for the year 1885 . . . . .           | 10,600 54   |
| Treasurer of water loan sinking fund commissioners, per order, surplus, 1884 . . . . . | 4,643 08    |
| On account of surplus, 1885 . . . . .                                                  | 756 92      |
|                                                                                        | <hr/>       |
|                                                                                        | \$25,000 54 |

## CR.

## Town's appropriations:—

|                                          |            |
|------------------------------------------|------------|
| For use of water . . . . .               | \$2,000 00 |
| For cost of construction, 1884 . . . . . | 3,754 51   |
|                                          | <hr/>      |
|                                          | \$5,754 51 |
| To credit of fund last year . . . . .    | 888 57     |
|                                          | <hr/>      |
| <i>Amount carried forward</i> . . . . .  | \$6,643 08 |

*Amount brought forward* . . . . \$6,643 08

## RECEIPTS.

From Addison Lane, superintendent and water registrar,  
cash at various times, water  
rates, &c., for 1885 . . . . 16,895,78

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\$23,538 86

Expenditures exceed (due treasurer) . . 1,461 68

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\$25,000 54

*Water Committee.*

(Special.)

Appropriation . . . . . \$300 00

## EXPENDED.

Crafts & Forbes, services as engineers . . . . \$100 00

James S. Adams, printing . . . . 9 25

Charles W. Bills, use of pump, &c. . . . 11 10

American Steam Gauge Co., use of  
pressure gauge . . . . 2 00

W. F. Sherman, expense, telegrams, &c. . . . 2 79

C. S. Knowles, rings and washers . . . . 2 00

Thomas McCoubry, rods and plates . . . . 4 40

W. W. Boardman, carriage hire . . . . 2 00

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\$133 54

Balance unexpended . . . . 166 46

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\$300 00

*High Service.*

## RECEIPTS.

From sale of bonds :

Nos. 1 to 20, @ \$1060 each . . . . \$21,200 00

Accrued interest 24 days, at 4  
per cent . . . . . 53 33

---

*Amount carried forward* . . . . \$21,253 33

|                               |  |             |
|-------------------------------|--|-------------|
| <i>Amount brought forward</i> |  | \$21,253 33 |
| Nos. 21 to 27, at \$1060 each |  | 7,420 00    |
| Accrued interest              |  | 43 54       |
| Nos. 28 to 30, at \$1060 each |  | 3,180 00    |
| Accrued interest              |  | 20 00       |
|                               |  | <hr/>       |
|                               |  | \$31,916 87 |

## EXPENDED.

|                                     |             |
|-------------------------------------|-------------|
| Paid committee's orders to January, |             |
| 1886                                | \$15,421 32 |

*Fells School Building.*

|               |            |
|---------------|------------|
| Appropriation | \$5,000 00 |
|---------------|------------|

## EXPENDED.

|                         |            |
|-------------------------|------------|
| Paid committee's orders | \$2,700 00 |
| Balance unexpended      | 2,300 00   |
|                         | <hr/>      |
|                         | \$5,000 00 |

## PUBLIC LIBRARY AND READING ROOM.

|                                         |            |
|-----------------------------------------|------------|
| Appropriation                           | \$750 00   |
| Dog tax for 1884, from county treasurer | 573 85     |
|                                         | <hr/>      |
|                                         | \$1,323 85 |

## EXPENDED.

|                                                   |            |
|---------------------------------------------------|------------|
| Paid E. H. Goss, treasurer of trustees, on orders | \$1,323 85 |
|---------------------------------------------------|------------|

## TOWN OFFICERS' SALARIES.

|                        |            |
|------------------------|------------|
| Appropriation          | \$1,900 00 |
| Balance from last year | 354 34     |
|                        | <hr/>      |
|                        | \$2,254 34 |



## EXPENDED.

|                                           |            |
|-------------------------------------------|------------|
| Levi S. Gould, selectman . . .            | \$200 00   |
| John K. Currier, " . . .                  | 200 00     |
| H. G. Fields, selectman and chair-        |            |
| man overseers of poor . . .               | 250 00     |
| John Larrabee, town clerk . . .           | 175 00     |
| George Newhall, treasurer . . .           | 300 00     |
| George C. Stantial, assessor . . .        | 150 00     |
| Gilbert N. Harris, " . . .                | 150 00     |
| George F. Boardman, " . . .               | 150 00     |
| F. E. Orcutt, auditor, 1884 . . .         | 15 00      |
| J. R. Norton, " " . . .                   | 15 00      |
| G. N. Harris, " " . . .                   | 15 00      |
| Alfred Hocking, registrar of voters . . . | 25 00      |
| Walter Babb, " " . . .                    | 25 00      |
| John B. Souther, " " . . .                | 25 00      |
| John Larrabee, " " . . .                  | 25 00      |
| Jonathan C. Howes, collector, one half    |            |
| of one per cent on \$20,166.68 . . .      | 100 84     |
| 5 per cent on \$333.32 (poll taxes) . . . | 16 66      |
| L. G. Coburn, one half of one per cent    |            |
| on \$62,145.82 . . . . .                  | 310 73     |
| 5 per cent on \$1354.18 (poll             |            |
| taxes) . . . . .                          | 67 71      |
|                                           | <hr/>      |
|                                           | \$2,215 94 |
| Balance unexpended . . . . .              | 38 40      |
|                                           | <hr/>      |
|                                           | \$2,254 34 |

## POLICE AND NIGHT WATCH.

|                                  |            |
|----------------------------------|------------|
| Appropriation . . . . .          | \$1,200 00 |
| Balance from last year . . . . . | 115 50     |
|                                  | <hr/>      |
|                                  | \$1,315 50 |

## EXPENDED.

|                                  |          |            |
|----------------------------------|----------|------------|
| H. B. Newhall, 1704 hours . .    | \$426 00 |            |
| Frank M. McLaughlin, 923 hours . | 230 75   |            |
| A. Wilbur Lynde, 73 hours . .    | 18 25    |            |
| C. T. Stevens, 20 hours . . .    | 5 00     |            |
| O. E. Drown, 1692 hours . . .    | 423 00   |            |
| R. M. Rand, 47 hours . . .       | 11 75    |            |
| James F. Cooper, 32 hours . .    | 8 00     |            |
| R. A. Gowell, 34 hours . . .     | 8 50     |            |
| C. H. Fuller, 22 hours . . .     | 5 50     |            |
| A. B. Pierce, 32 hours . . .     | 8 00     | \$1,144 75 |

*Sundries.*

|                                                             |         |            |
|-------------------------------------------------------------|---------|------------|
| G. W. Bartlett, carriage hire . .                           | \$42 00 |            |
| F. M. Holmes Furniture Co., wardrobe                        | 18 00   |            |
| J. P. Lovell's Sons, irons, clubs and<br>twisters . . . . . | 13 50   |            |
| A. W. Mitchell, badges . . .                                | 7 50    |            |
| F. M. McLaughlin, court expenses .                          | 7 42    |            |
| O. E. Drown, care of lock-up 1 year                         | 25 00   | 113 42     |
|                                                             |         | <hr/>      |
|                                                             |         | \$1,258 17 |
| Balance unexpended . . . . .                                |         | 57 33      |
|                                                             |         | <hr/>      |
|                                                             |         | \$1,315 50 |

## WYOMING CEMETERY.

## RECEIPTS.

|                                               |          |
|-----------------------------------------------|----------|
| For six lots sold residents, at \$75 each . . | \$450 00 |
| three " " at \$60 " . .                       | 180 00   |
| two half lots " at \$40 " . .                 | 80 00    |
| one lot " at \$40 . .                         | 40 00    |
|                                               | <hr/>    |
| <i>Amount carried forward . . . .</i>         | \$750 00 |

|                                                        |            |
|--------------------------------------------------------|------------|
| <i>Amount brought forward</i> . . . . .                | \$750 00   |
| For one half lot sold resident, at \$30 each . . . . . | 30 00      |
| one lot in public ground . . . . .                     | 25 00      |
| On account of lots sold . . . . .                      | 275 00     |
| For one lot sold non-resident . . . . .                | 175 00     |
| half lot     "     " . . . . .                         | 90 00      |
| For graves . . . . .                                   | 66 00      |
| For care of lots . . . . .                             | 235 00     |
| For grading, sodding, interments, &c. . . . .          | 244 10     |
|                                                        | <hr/>      |
|                                                        | \$1,890 10 |

## EXPENDED.

|                                                                 |            |
|-----------------------------------------------------------------|------------|
| Thomas Marshall, labor, 6 months, at \$43 per month . . . . .   | \$258 00   |
| Thomas Marshall, labor, teams, manure, &c., furnished . . . . . | 49 89      |
| Daniel Dowd, labor, 167 days, at \$1.50 per day . . . . .       | 250 50     |
| John Knight, labor, 143½ days, at \$1.50 per day . . . . .      | 215 25     |
| "     "     2½ days, at \$1.76     "     " . . . . .            | 4 40       |
| Bugbee & Barrett, lawn seed, &c. . . . .                        | 5 60       |
| A. C. Goss, 275 feet sods . . . . .                             | 2 75       |
| team, 37¼ days . . . . .                                        | 55 88      |
| man, 4 days . . . . .                                           | 7 00       |
| Charles Pratt, 4267 feet sods . . . . .                         | 42 67      |
| S. E. Eastman, P. M. stamps . . . . .                           | 2 00       |
| Thomas McCoubry, sharpening and repairing tools . . . . .       | 1 08       |
| Nelson Cochran, surveying . . . . .                             | 4 00       |
| G. W. Bartlett, team . . . . .                                  | 1 00       |
| Jos. Breck & Son, grass shears . . . . .                        | 1 75       |
| J. P. Deering, lumber . . . . .                                 | 1 00       |
| Henry J. Rice, 217 feet granite capping . . . . .               | 108 50     |
| labor, . . . . .                                                | 3 50       |
| Justus Geist, plants and planting . . . . .                     | 25 00      |
|                                                                 | <hr/>      |
| <i>Amount carried forward</i> . . . . .                         | \$1,039 77 |

|                                                |   |   |   |            |
|------------------------------------------------|---|---|---|------------|
| <i>Amount brought forward</i>                  | . | . | . | \$1,039 77 |
| M. F. Eastman, 7 barrels cement                | . | . | . | 10 50      |
| John Larrabee, services on committee           | . | . | . | 25 00      |
| George Newhall, services on committee          | . | . | . | 25 00      |
| “ “ making and acknowledging deeds             | . | . | . | 46 23 00   |
| Thos. Cassells, 34 days' labor                 | . | . | . | 59 70      |
| John Connell, 4 days' labor                    | . | . | . | 7 04       |
| Geo. F. Grover, 2 days' labor                  | . | . | . | 3 52       |
| Geo. F. Case, Jr., 7 $\frac{1}{4}$ days' labor | . | . | . | 10 87      |
| Charles Boardman, labor and oxen               | . | . | . | 5 00       |
| B. R. Upham, labor and team                    | . | . | . | 4 87       |
| F. R. Upham, labor and team                    | . | . | . | 24 38      |
|                                                |   |   |   | <hr/>      |
|                                                |   |   |   | \$1,238 65 |

Surplus for the year, \$661.45.

## REPORT OF THE TOWN TREASURER.

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|                                       |                    |
|---------------------------------------|--------------------|
| Cash in the treasury January 28, 1885 | \$44 18            |
| Total receipts for the year           | 178,134 60         |
|                                       | <hr/> \$178,178 78 |
| Total disbursements for the year      | 176,695 18         |
|                                       | <hr/> \$1,483 60   |

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### NOTES GIVEN AND PAID DURING THE YEAR.

|                                                          |                   |                   |
|----------------------------------------------------------|-------------------|-------------------|
| Melrose Savings Bank, borrowed on                        |                   |                   |
| notes and paid during the year                           | \$21,000 00       | \$21,000 00       |
| Lowell Institution for Savings, paid                     |                   |                   |
| note dated September 7, 1865                             |                   | 20,000 00         |
| Paid note reported last year as temporary loan           |                   | 12,000 00         |
| Borrowed on notes and paid during the year               | 19,000 00         | 19,000 00         |
| Melrose Savings Bank, borrowed on demand, temporary loan | 10,000 00         |                   |
|                                                          | <hr/> \$50,000 00 | <hr/> \$72,000 00 |

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### TRUST FUND.

|                                                                                                                                                                                                                                 |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Received from H. A. Newhall, of Malden, executor of will of Sally Upham, as a legacy from her to the town of Melrose, the town to care for cemetery lot in the "old burial ground" perpetually, as per vote passed June 2, 1885 | \$200 00 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|

## STATEMENT OF THE TOWN DEBT.—JAN. 1886.

## BONDS.

|                                      |                    |
|--------------------------------------|--------------------|
| Melrose water fund, 1st issue, due   |                    |
| July 1, 1890 . . . . .               | \$100,000 00       |
| Melrose water fund, 2d issue, due    |                    |
| October 1, 1892 . . . . .            | 50,000 00          |
| Town hall bonds, due October 1, 1892 | 65,000 00          |
|                                      | <hr/> \$215,000 00 |
| Melrose water loan (high service)    | 30,000 00          |

## PERMANENT LOANS.

*Notes outstanding.*

|                                |                 |
|--------------------------------|-----------------|
| Commonwealth of Massachusetts, |                 |
| due October 15, 1888, interest |                 |
| 6 per cent . . . . .           | \$5,000 00      |
| Commonwealth of Massachusetts, |                 |
| due August 6, 1889, interest   |                 |
| 4 per cent . . . . .           | 8,000 00        |
|                                | <hr/> 13,000 00 |

## TEMPORARY LOAN.

|                                  |              |
|----------------------------------|--------------|
| Melrose Savings Bank, on demand, |              |
| interest 3 per cent . . . . .    | 10,000,00    |
|                                  | <hr/>        |
| Total debt . . . . .             | \$268,000 00 |

## AVAILABLE ASSETS.

|                                         |                  |
|-----------------------------------------|------------------|
| Due from State of Massachusetts on      |                  |
| account of State aid . . . . .          | \$787 00         |
| Due from State of Massachusetts on      |                  |
| account of Armory rent . . . . .        | 400 00           |
| Due from State of Massachusetts on      |                  |
| account of Military aid . . . . .       | 251 00           |
| Bills due on poor account . . . . .     | 38 00            |
|                                         | <hr/> \$1,476 00 |
| <i>Amount carried forward . . . . .</i> | <hr/> \$1,476 00 |

|                                     |   |   |              |
|-------------------------------------|---|---|--------------|
| <i>Amount brought forward</i>       | . | . | \$1,476 00   |
| Uncollected taxes :—                |   |   |              |
| 1881                                | . | . | 134 00       |
| 1882                                | . | . | 468 55       |
| 1883                                | . | . | 566 63       |
| 1884                                | . | . | 1,846 01     |
| 1885                                | . | . | 26,274 81    |
|                                     |   |   | <hr/>        |
|                                     |   |   | \$30,766 00  |
| Water loan sinking fund             | . | . | \$24,515 60  |
| Cash in the treasury                | . | . | 1,483 60     |
|                                     |   |   | <hr/>        |
|                                     |   |   | 25,999 20    |
|                                     |   |   | <hr/>        |
|                                     |   |   | \$56,765 20  |
| Net debt more than assets available | . | . | 211,234 80   |
|                                     |   |   | <hr/>        |
|                                     |   |   | \$268,000 00 |

Respectfully submitted,  
 GEORGE NEWHALL, *Treasurer.*

(E. and O. excepted.)

Melrose, February, 1886.

GEORGE NEWHALL, TREASURER,  
*In account with Commissioners of Melrose Water Loan  
 Sinking Fund.*

DR.

|                                                                 |   |   |             |             |
|-----------------------------------------------------------------|---|---|-------------|-------------|
| February, 1885. Cash on hand                                    | . | . | .           | \$487 48    |
| To received as surplus from water fund, 1884                    |   |   |             | 4,643 08    |
| To received from water fund on account of sur-<br>plus for 1885 | . | . | .           | 756 92      |
| To received from sale of bonds                                  |   |   |             |             |
| principal                                                       | . | . | \$10,000 00 |             |
| premium                                                         | . | . | 1,198 75    |             |
|                                                                 |   |   | <hr/>       | 11,198 75   |
| To received as interest                                         | . | . | .           | 969 58      |
|                                                                 |   |   | <hr/>       | \$18,055 81 |



## CR.

|                                                      |             |
|------------------------------------------------------|-------------|
| By paid rent for box in safe deposit vault . . . . . | \$10 00     |
| By paid for mortgage notes on real estate . . . . .  | 6,300 00    |
| By paid for bonds . . . . .                          | 11,000 00   |
| By paid premium on bonds . . . . .                   | 660 00      |
| By paid accrued interest on bonds . . . . .          | 70 21       |
| February, 1886. Cash on hand . . . . .               | 15 60       |
|                                                      | <hr/>       |
|                                                      | \$18,055 81 |

GEORGE NEWHALL, TREASURER, *in account with the  
Town of Melrose.*

## DR.

|                                           |         |
|-------------------------------------------|---------|
| Jan. 28, 1885. Cash in treasury . . . . . | \$44 18 |
|-------------------------------------------|---------|

## RECEIPTS.

From State Treasurer : —

|                                     |          |
|-------------------------------------|----------|
| On account of School fund . . . . . | \$65 22  |
| Armory rent, 1884 . . . . .         | 400 00   |
| State aid, 1884 . . . . .           | 669 00   |
| Corporation tax . . . . .           | 1,967 30 |
| Bank tax . . . . .                  | 648 77   |
| Military aid, 1884 . . . . .        | 195 50   |
|                                     | <hr/>    |
|                                     | 3,945 79 |

From various sources : —

|                                                             |                              |
|-------------------------------------------------------------|------------------------------|
| On account of School Contingent, books<br>sold, &c. . . . . | \$4 78                       |
| On account of Poor fund . . . . .                           | 1,168 49                     |
| School " . . . . .                                          | 49 00                        |
| Contingent fund . . . . .                                   | 28 00                        |
| For use of Town hall . . . . .                              | 574 00                       |
| County Treasurer, dog tax, 1884 . . . . .                   | 573 85                       |
| For lots, graves, &c., Wyoming<br>Cemetery . . . . .        | 1,890 10                     |
|                                                             | <hr/>                        |
| <i>Amounts carried forward . . . . .</i>                    | <i>\$4,288 22 \$3,989 97</i> |

|                                                          |            |            |
|----------------------------------------------------------|------------|------------|
| <i>Amounts brought forward</i>                           | \$4,288 22 | \$3,989 97 |
| From A. Lane, superintendent, water-rates collected, &c. | 16,895 78  |            |
| Trust Fund                                               | 200 00     |            |
| On account of Highways                                   | 92 14      |            |
| From sale of Water Bonds, High Service                   | 31,916 87  |            |
|                                                          | <hr/>      | 53,393 01  |

## TAXES.

|                                           |             |           |
|-------------------------------------------|-------------|-----------|
| M. F. Eastman, collector, taxes for 1885  | \$45,000 00 |           |
| L. G. Coburn, collector, taxes for 1884   | 23,500 00   |           |
| Jona. C. Howes, collector, taxes for 1883 | 2,128 02    |           |
| Jona. C. Howes, collector, taxes for 1882 | 154 96      |           |
| Jona. C. Howes, collector, taxes for 1881 | 112 82      |           |
|                                           | <hr/>       | 70,795 80 |

## LOANS.

|                               |           |              |
|-------------------------------|-----------|--------------|
| Received on treasurer's notes | 50,000 00 |              |
|                               | <hr/>     | \$178,178 78 |

## CR.

By paid Town Clerk's orders as follows :—

|                               |             |
|-------------------------------|-------------|
| School fund                   | \$16,269 60 |
| School contingent expenses    | 4,188 34    |
| Contingent fund               | 1,064 88    |
| Poor fund                     | 5,387 44    |
| Fire department               | 2,438 91    |
| Town hall                     | 1,362 75    |
| Street lights                 | 1,875 50    |
| Cemetery (Wyoming)            | 1,238 65    |
| Police                        | 1,258 17    |
| Town officers' salaries       | 2,215 94    |
| <i>Amount carried forward</i> | \$37,300 18 |

|                                          |             |             |
|------------------------------------------|-------------|-------------|
| <i>Amount brought forward,</i>           | \$37,300 18 |             |
| By State aid . . . . .                   | 787 00      |             |
| Water fund . . . . .                     | 10,734 08   |             |
| Drainage . . . . .                       | 315 77      |             |
| Armory rent . . . . .                    | 400 00      |             |
| Additional street lamps . . . . .        | 61 80       |             |
| Concrete sidewalks . . . . .             | 1,058 40    |             |
| Concrete crossings and gutters . . . . . | 202 70      |             |
| Military aid . . . . .                   | 502 00      |             |
| Highways . . . . .                       | 4,223 82    |             |
| Insurance . . . . .                      | 327 49      |             |
| Memorial day . . . . .                   | 200 00      |             |
| Drinking fountain . . . . .              | 112 23      |             |
| Steam fire engine . . . . .              | 15 25       |             |
| Tremont street sidewalk . . . . .        | 492 05      |             |
| Orris and Warren streets . . . . .       | 599 62      |             |
| Washington street . . . . .              | 184 55      |             |
|                                          | <hr/>       | \$57,516 94 |
| By paid interest on Water Fund Bonds     | \$9,000 00  |             |
| "      notes and Town                    |             |             |
| Hall bonds . . . . .                     | 7,034 86    |             |
| orders of Trustees Public                |             |             |
| Library . . . . .                        | 1,323 85    |             |
| State tax, 1885 . . . . .                | 3,330 00    |             |
| County tax, 1885 . . . . .               | 2,373 35    |             |
| Treasurer Water Loan sink-               |             |             |
| ing fund . . . . .                       | 5,400 00    |             |
| orders of committee on school            |             |             |
| building at the "Fells" . . . . .        | 2,700 00    |             |
| order of committee on school             |             |             |
| building at the "High-                   |             |             |
| lands" . . . . .                         | 571 60      |             |
| order of committee on "High              |             |             |
| Service" . . . . .                       | 15,421 32   |             |
| <i>Amounts carried forward .</i>         | <hr/>       | <hr/>       |
|                                          | \$47,154 98 | \$57,516 94 |

|                                       |             |             |
|---------------------------------------|-------------|-------------|
| <i>Amounts brought forward .</i>      | \$47,154 98 | \$57,516 94 |
| By paid on account of corporation tax | 2 26        |             |
| "            contingent fund          | 21 00       |             |
|                                       | <hr/>       | 47,178 24   |

## TEMPORARY LOANS.

|                                             |              |
|---------------------------------------------|--------------|
| By paid treasurer's notes . . . . .         | 72,000 00    |
| January 30, 1886. By cash in the treasury . | 1,483 60     |
|                                             | <hr/>        |
|                                             | \$178,178,78 |

## AUDITORS' REPORT.

---

We have examined the Books of the Town Treasurer, and find them correct, and vouchers for all expenditures.

We have also examined the Expenditures of the Public Library, and find the report of the Treasurer is correct.

At request of Water Commissioners we examined the Books of that Department. We find them correctly kept, but recommend a change in the manner of keeping them, and the Board concur in our recommendation.

FRANK E. ORCUTT,  
JOHN R. NORTON,  
WALTER I. NICKERSON,

*Auditors.*

Melrose, February 11, 1886.

## ASSESSORS' REPORT.

FOR YEAR 1885.

|                                         |                    |
|-----------------------------------------|--------------------|
| Number of inhabitants . . . . .         | 6,110              |
| children 5 to 15 years of age . . . . . | 1,135              |
| dwellings . . . . .                     | 1,323              |
| horses . . . . .                        | 364                |
| cows and oxen . . . . .                 | 178                |
| dogs . . . . .                          | 331                |
| acres of land taxed (about) . . . . .   | 2,700              |
| steam-boilers . . . . .                 | 18                 |
| horse-power . . . . .                   | 1,107½             |
| Value of real estate . . . . .          | \$4,374,250        |
| personal estate . . . . .               | 395,415            |
| Total valuation . . . . .               | <u>\$4,769,665</u> |
| Rate of taxation per \$1000, \$14.20.   |                    |
| Amount of appropriations . . . . .      | \$63,753 64        |
| state tax . . . . .                     | 3,330 00           |
| county tax . . . . .                    | 2,373 35           |
| overlay . . . . .                       | 1,817 24           |
|                                         | <u>\$71,274 23</u> |

Assessed as follows :—

Number of polls, 1772.

|                                    |            |
|------------------------------------|------------|
| Tax on polls at \$2 each . . . . . | \$3,544 00 |
| "       " .50 " . . . . .          | 1 00       |
| " personal estate . . . . .        | 5,614 88   |
| " real estate . . . . .            | 62,114 35  |

|                                                        |             |
|--------------------------------------------------------|-------------|
| Amount of warrant committed to the collector . . . . . | \$71,274 23 |
| additional assessments . . . . .                       | 136 17      |

|                                         |                    |
|-----------------------------------------|--------------------|
| <i>Amount carried forward . . . . .</i> | <u>\$71,410 40</u> |
|-----------------------------------------|--------------------|

|                                   |   |   |             |                    |
|-----------------------------------|---|---|-------------|--------------------|
| <i>Amount brought forward</i>     | . | . | .           | \$71,410 40        |
| Less abatements                   | . | . | .           | 208 17             |
| Net amount January 1, 1886        | . | . | .           | \$71,202 23        |
| On which there has been collected |   |   | \$44,927 42 |                    |
| And interest                      | . | . | .           | 72 58              |
|                                   |   |   |             | <u>\$45,000 00</u> |

## ABATEMENTS ON 1885.

|                          |        |                                    |          |
|--------------------------|--------|------------------------------------|----------|
| A. W. Brigham . . .      | \$2 00 | Mrs. C. W. Clinecard . . .         | \$5 29   |
| Banford Moorhouse . . .  | 2 00   | Mrs. Mary E. Howard . . .          | 7 10     |
| Henry Hunt . . .         | 4 39   | Mrs. S. S. Twombly . . .           | 7 10     |
| Gillam B. Wheeler . . .  | 14 75  | Mrs. E. M. Morecomb . . .          | 7 10     |
| S. F. Barrett . . .      | 5 40   | Mrs. Lucy A. Barrett . . .         | 4 26     |
| Walker P. Lowe . . .     | 36     | Mrs. George Upham . . .            | 4 97     |
| Clifton Fletcher . . .   | 14 20  | Miss Joana Stackpole . . .         | 5 72     |
| F. H. Torrey . . .       | 7 10   | Miss Nancy S. Wilson . . .         | 2 84     |
| R. W. Emerson & Co. . .  | 35 50  | Misses Conway <i>et als.</i> . . . | 12 66    |
| C. E. Foss . . .         | 14 20  | Miss C. Morgan . . .               | 15 62    |
| F. J. Hunt . . .         | 7 10   | Estate of F. D. Howe . . .         | 2 75     |
| Samuel D. Taylor . . .   | 5 56   | Michael Lucey . . .                | 2 00     |
| George E. Phillips . . . | 3 55   | Joel Clemmons . . .                | 2 00     |
| C. A. Messenger, Jr. . . | 3 55   |                                    |          |
| Samuel A. Kimball . . .  | 7 10   |                                    | \$208 17 |
| John P. Averill . . .    | 2 00   |                                    |          |

## FOR YEAR 1884.

|                                             |   |             |                    |
|---------------------------------------------|---|-------------|--------------------|
| Net amount of collector's books, January 1, |   |             |                    |
| 1885, as per last report                    | . | .           | \$64,550 76        |
| Additional assessments in 1885              | . | .           | 37 60              |
|                                             |   |             | <u>\$64,588 36</u> |
| Abatements made in 1885                     | . | .           | 133 22             |
| Net amount, January 1, 1886                 | . | .           | \$64,455 14        |
| On which there has been collected           |   | \$62,609 13 |                    |
| And interest                                | . | .           | 890 87             |
|                                             |   |             | <u>\$63,500 00</u> |

## ABATEMENTS ON 1884, DURING 1885.

|                             |        |                        |        |
|-----------------------------|--------|------------------------|--------|
| Mrs. Mary R. Prince . . .   | \$6 90 | Albert F. Fisher . . . | \$2 00 |
| Scott . . .                 | 2 00   | Geo. E. Fenn . . .     | 2 00   |
| Estate of Jacob Gobel . . . | 5 52   | Fountain . . .         | 2 00   |
| S. A. Lovejoy . . .         | 13 80  | James Garvin . . .     | 2 00   |



|                                |        |                           |                 |
|--------------------------------|--------|---------------------------|-----------------|
| L. S. Leighton . . . .         | \$6 90 | James D. Hodges . . . .   | \$2 00          |
| Edgar P. Chase . . . .         | 2 00   | Geo. Wells Harris . . . . | 2 00            |
| Miss Cythia Howard . . . .     | 6 21   | Sidney D. Howe . . . .    | 2 00            |
| Mrs. Mary E. Howard . . . .    | 2 41   | Chas. H. Howard . . . .   | 2 00            |
| Mrs. Mary F. Howard . . . .    | 6 90   | Rufus Johnson . . . .     | 2 00            |
| Mrs. N. K. Hunt . . . .        | 2 43   | Wm. Holmes . . . .        | 2 00            |
| H. H. Westgate . . . .         | 6 35   | Geo. G. Lunt . . . .      | 2 00            |
| Geo. E. White . . . .          | 2 00   | John McLaughlin . . . .   | 2 00            |
| Harry Oliver . . . .           | 2 00   | James McBride . . . .     | 2 00            |
| Daniel Bayne . . . .           | 2 00   | Meeney . . . .            | 2 00            |
| Geo. E. Burnham . . . .        | 2 00   | Henry Morcomb . . . .     | 2 00            |
| Wallace Kimball . . . .        | 2 00   | Mortimer . . . .          | 2 00            |
| Crystal Lake Boat Club . . . . | 2 76   | Wm. H. Richardson . . . . | 2 00            |
| Joel Clemmens . . . .          | 2 00   | Wm. F. Russell . . . .    | 1 00            |
| Misses E. and M. Moody . . . . | 11 04  | Dennis Sullivan . . . .   | 2 00            |
| John Day . . . .               | 2 00   | J. E. Spear . . . .       | 2 00            |
| C. H. Edmunds . . . .          | 2 00   |                           |                 |
| W. H. Eaton . . . .            | 2 00   |                           |                 |
| W. H. Earl . . . .             | 1 00   |                           |                 |
|                                |        |                           | <u>\$133 22</u> |

## FOR YEAR 1883.

|                                                 |                    |
|-------------------------------------------------|--------------------|
| Net amount of collector's book Jan. 1, 1885, as |                    |
| per last report . . . . .                       | \$62,986 65        |
| Additional . . . . .                            | 2 00               |
|                                                 | <u>\$62,988 65</u> |
| Abatements made in 1885 . . . . .               | 54 63              |
|                                                 | <u>\$62,934 02</u> |
| Net amount Jan. 1, 1886 . . . . .               | \$62,934 02        |
| On which there has been collected . . . . .     | \$62,367 39        |
| And interest . . . . .                          | 1,003 08           |
|                                                 | <u>\$63,370 47</u> |

## ABATEMENTS ON 1883, DURING 1885.

|                          |        |                             |                |
|--------------------------|--------|-----------------------------|----------------|
| C. H. Edmunds . . . .    | \$2 00 | W. J. Reiley . . . .        | \$2 00         |
| W. H. Eaton . . . .      | 2 00   | Dennis Sullivan . . . .     | 2 00           |
| Rupert Everton . . . .   | 2 00   | J. E. Spear . . . .         | 4 88           |
| Albert F. Fisher . . . . | 1 00   | Isaac Watson . . . .        | 2 00           |
| Louis Finger . . . .     | 2 00   | Mrs. J. H. Thompson . . . . | 7 20           |
| Geo. G. Lunt . . . .     | 2 00   | Geo. M. T. Piper . . . .    | 11 36          |
| John McLaughlin . . . .  | 2 00   | J. M. Critchett . . . .     | 6 19           |
| Armstrong . . . .        | 2 00   |                             |                |
| Clark . . . .            | 2 00   |                             |                |
| W. H. Richardson . . . . | 2 00   |                             |                |
|                          |        |                             | <u>\$54 63</u> |

## FOR YEAR 1882.

|                                                  |             |
|--------------------------------------------------|-------------|
| Net amount of collector's book, January 1, 1885, |             |
| as per last report . . . . .                     | \$57,707 03 |
| Add error . . . . .                              | 10 00       |
|                                                  | <hr/>       |
|                                                  | \$57,717 03 |
| Abatements made in 1885 . . . . .                | 34 00       |
|                                                  | <hr/>       |
| Net amount January 1, 1886 . . . . .             | \$57,683 03 |
| On which there has been collected                | \$57,214 48 |
| And interest . . . . .                           | 915 48      |
|                                                  | <hr/>       |
|                                                  | \$58,129 96 |

## ABATEMENTS ON 1882 DURING 1885.

|                               |        |                            |         |
|-------------------------------|--------|----------------------------|---------|
| Melzer L. Avery . . . . .     | \$2 00 | Henry Kennard . . . . .    | \$2 00  |
| Howard Briggs . . . . .       | 2 00   | John McLaughlin . . . . .  | 1 00    |
| S. A. Cate . . . . .          | 2 00   | W. J. Reiley . . . . .     | 2 00    |
| Thomas Dermot . . . . .       | 2 00   | H. H. Reathrom . . . . .   | 2 00    |
| Charles B. Dodd . . . . .     | 2 00   | Dennis Sullivan . . . . .  | 2 00    |
| Albert F. Fisher . . . . .    | 2 00   | Eugene A. Snow . . . . .   | 2 00    |
| George Wells Harris . . . . . | 2 00   | W. H. Earl . . . . .       | 1 00    |
| Stephen Hyde . . . . .        | 2 00   | Alfred R. Loring . . . . . | 2 00    |
| Nicholas Johnson . . . . .    | 2 00   |                            |         |
| Henry Kramer . . . . .        | 2 00   |                            | <hr/>   |
|                               |        |                            | \$34 00 |

## FOR YEAR 1881.

|                                                 |             |
|-------------------------------------------------|-------------|
| Net amount of collector's book January 1, 1885, |             |
| as per last report . . . . .                    | \$53,892 51 |
| Abatements made in 1885 . . . . .               | 4 41        |
|                                                 | <hr/>       |
| Net amount January 1, 1886 . . . . .            | \$53,888 10 |
| On which there has been collected               | \$53,754 10 |
| And interest . . . . .                          | 833 72      |
|                                                 | <hr/>       |
|                                                 | \$54,587 82 |

## ABATEMENTS ON 1881 DURING 1885.

|                     |   |       |                   |   |        |
|---------------------|---|-------|-------------------|---|--------|
| George E. Thomas    | . | \$ 41 | Charles H. Howard | . | \$2 00 |
| George Wells Harris | . | 2 00  |                   |   | <hr/>  |
|                     |   |       |                   |   | \$4 41 |

GEO. C. STANTIAL,  
GILBERT N. HARRIS,  
GEO. F. BOARDMAN,

*Assessors of Melrose.*

## COLLECTORS' REPORTS.

---

### STATEMENT OF TAXES FOR YEAR 1885.

|                                                 |             |
|-------------------------------------------------|-------------|
| Amount of warrant and tax list as received from |             |
| the assessors . . . . .                         | \$71,274 23 |
| Additional assessments . . . . .                | 136 17      |
|                                                 | <hr/>       |
|                                                 | \$71,410 40 |
| Abatements (see assessors' report) . . . . .    | 208 17      |
|                                                 | <hr/>       |
|                                                 | \$71,202 23 |
| Interest collected . . . . .                    | 72 58       |
|                                                 | <hr/>       |
|                                                 | \$71,274 81 |
| Cash paid treasurer . . . . .                   | 45,000 00   |
|                                                 | <hr/>       |
| Balance unpaid January 1, 1886 . . . . .        | \$26,274 81 |

MOSES F. EASTMAN,

*Collector for 1885.*

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### STATEMENT OF TAXES FOR YEAR 1884.

|                                                      |  |             |
|------------------------------------------------------|--|-------------|
| Balance unpaid January 1, 1885, as per last report   |  | \$24,602 42 |
| Additional . . . . .                                 |  | 37 60       |
|                                                      |  | <hr/>       |
|                                                      |  | \$24,640 02 |
| Abatements in 1885 (see assessors' report) . . . . . |  | 133 22      |
|                                                      |  | <hr/>       |
|                                                      |  | \$24,506 80 |
| Interest collected in 1885 . . . . .                 |  | 839 21      |
|                                                      |  | <hr/>       |
|                                                      |  | \$25,346,01 |
| Paid treasurer in 1885 . . . . .                     |  | 23,500 00   |
|                                                      |  | <hr/>       |
| Balance unpaid January 1, 1886 . . . . .             |  | \$1,846 01  |

LEWIS G. COBURN,

*Collector for 1884.*

## STATEMENT OF TAXES FOR YEAR 1883.

|                                                      |            |
|------------------------------------------------------|------------|
| Balance unpaid January 1, 1885, as per last report   | \$2,576 48 |
| Additional . . . . .                                 | 2 00       |
|                                                      | <hr/>      |
|                                                      | \$2,578 48 |
| Abatements in 1885 (see assessors' report) . . . . . | 54 63      |
|                                                      | <hr/>      |
|                                                      | \$2,523 85 |
| Interest collected in 1885 . . . . .                 | 170 80     |
|                                                      | <hr/>      |
|                                                      | \$2,694 65 |
| Paid treasurer in 1885 . . . . .                     | 2,128 02   |
|                                                      | <hr/>      |
| Balance unpaid January 1, 1886 . . . . .             | \$566 63   |

JONATHAN C. HOWES,

*Collector for 1883.*

## STATEMENT OF TAXES FOR YEAR 1882.

|                                                      |          |
|------------------------------------------------------|----------|
| Balance unpaid January 1, 1885, as per last report   | \$527 37 |
| Add error . . . . .                                  | 100 00   |
|                                                      | <hr/>    |
|                                                      | \$627 37 |
| Abatements in 1885 (see assessors' report) . . . . . | 34 00    |
|                                                      | <hr/>    |
|                                                      | \$593 37 |
| Interest collected in 1885 . . . . .                 | 30 14    |
|                                                      | <hr/>    |
|                                                      | \$623 51 |
| Paid treasurer in 1885 . . . . .                     | 154 96   |
|                                                      | <hr/>    |
| Balance unpaid January 1, 1886 . . . . .             | \$468 55 |

JONATHAN C. HOWES,

*Collector for 1882.*

## STATEMENT OF TAXES FOR YEAR 1881.

|                                                    |          |
|----------------------------------------------------|----------|
| Balance unpaid January 1, 1885, as per last report | \$152 62 |
| Abatements in 1885 (see assessors' report)         | 4 41     |
|                                                    | <hr/>    |
|                                                    | \$148 21 |
| Interest paid in 1885                              | 1 39     |
|                                                    | <hr/>    |
|                                                    | \$146 82 |
| Paid treasurer in 1885                             | 12 82    |
|                                                    | <hr/>    |
| Balance unpaid January 1, 1886                     | \$134 00 |

JONATHAN C. HOWES,

*Collector for 1881.*

## REPORT OF FIRE ENGINEERS.

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We hereby respectfully submit the following report for the year ending December 31, 1885:—

In making our report this year we wish to call the attention of the town to the necessity for an increased supply of hose, a part of our present supply being unfit for use. We therefore recommend the appropriation of \$1900 for the expenses of the department, and \$500 for new hose, and the unexpended balance of last year. We desire also to thank the officers and members of the department for the prompt obedience and harmony of the department which has characterized their efforts during the past year. The department embraces a membership of forty-five men, comprising four different companies, hook and ladder truck, and three hose carriages, all in good order, located as follows:—

Liberty Bigelow Hook and Ladder, No. 1, 15 men, in basement of town hall, Main street.

Russell Hose Company, No. 1, 10 men, Main street, opposite town hall.

N. D. Blake Hose Company, No. 2, 10 men, in Masonic Hall building, Main street, Wyoming.

Highland Hose Company, No. 3, 10 men, on Franklin street, Highlands, near depot.

All being under the control of three engineers.

There have been eleven alarms of fire from January 1, 1885, to January 1, 1886, given as follows:—

|                                             | Loss.      |
|---------------------------------------------|------------|
| Mar. 15, house, owned by W. J. Farnsworth . | \$1,250 00 |
| April 16, water tower, owned by Mr. Smith . | 25 00      |



|                                                                       |                   |
|-----------------------------------------------------------------------|-------------------|
| April 30, woods at Highlands . . . . .                                |                   |
| May 12, woods . . . . .                                               |                   |
| June 16, moulding mill, owned by O. F. Ingalls                        | \$10 00           |
| July 13, woods . . . . .                                              |                   |
| " 21, woods . . . . .                                                 |                   |
| August 17, house and barn, owned by Mrs. J.<br>M. Critchett . . . . . | 800 00            |
| Sept. 13, house, owned by E. A. Harriman .                            | 800 00            |
| Oct. 14, barrels of lime . . . . .                                    | 15 00             |
| Dec. 30, moulding mill, owned by O. F. Ingalls                        | 10 00             |
| Total amount of loss by fires . . . . .                               | \$2,910 00        |
| Total amount of insurance . . . . .                                   | 1,566 50          |
| Amount of loss above insurance . . . . .                              | <u>\$1,343 50</u> |

Respectfully submitted,

A. W. LYNDE,

W. B. ELLIS,

JOHN SINGER,

*Engineers of Fire Department.*

## REPORT OF THE BOARD OF WATER COMMISSIONERS FOR THE YEAR 1885.

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*To the Town of Melrose :*

The Melrose Water Board has the honor to submit its Sixteenth Annual Report, agreeably to the requirements of an Act of the Legislature, together with the report of the Superintendent, to which we invite attention as containing a statement in detail of the condition and operations of this department for the year ending December 31, 1885.

Your Commissioners take pleasure in being able to report a favorable condition of the pond, notwithstanding the increased number of water-takers and the consequent increased consumption, the water at this date being only  $17\frac{1}{2}$  inches below high-water mark.

It is believed that the water works are now in as good condition as at any time since their construction ; and we are pleased to note the marked increase of the earnings of the works for the year.

At a legal town meeting held June 2, 1885, a special committee of five was appointed, consisting of your Water Board, N. D. Blake and W. F. Sherman, to contract for and cause to be made a suitable reservoir and such other enlargements, extensions and improvements of our present water service as will give to the inhabitants of the town a full supply of water ; and for particulars regarding the operations of this special committee, we would respectfully refer to their report, which is hereto appended.

At the last annual town meeting a committee was appointed, consisting of the Water Board, Nathan D. Blake and

John B. Souther, to revise the water rates and to prepare by-laws. Said committee will report at the next annual meeting.

Your Commissioners recommend appropriations for the coming year as follows : —

|                                                                                                                   |            |
|-------------------------------------------------------------------------------------------------------------------|------------|
| For hydrants, town hall, school-houses, engine<br>and hose houses, fountains, and drinking<br>fountains . . . . . | \$2,000 00 |
|-------------------------------------------------------------------------------------------------------------------|------------|

TABLE SHOWING LEVELS BELOW SPOT POND ROLLWAY.

Surveys made in 1884 by PERCY M. BLAKE, C. E., and  
GEORGE H. BISHOP, C. E.

| Below<br>Rollway.<br>Feet. |                                                               |
|----------------------------|---------------------------------------------------------------|
| 0.00                       | Rollway.                                                      |
| 5.61                       | Lowest point on pipe line between Woodland av. & Ravine road. |
| 22.39                      | Summit of Ravine road, near spring barrel in ground.          |
| 83.00                      | Northwest corner Ravine road and Washington street.           |
| 92.20                      | Intersection of Ravine road and Wyoming avenue.               |
| 97.19                      | Intersection of Trenton street and Wyoming avenue.            |
| 98.53                      | West rail Boston & Maine Railroad at Wyoming station.         |
| 0.37                       | Piazza floor of W. P. Sargent's house on Wyoming Hill.        |
| 99.62                      | Intersection Berwick street and Wyoming avenue.               |
| 91.56                      | Corner Maine and Foster streets.                              |
| 86.06                      | Fall from Rollway to top of underpinning of Town Hall.        |
| 32.00                      | Sill of lower window of J. O. Norris's house, Cedar park.     |
| 92.17                      | Intersection of Main and Essex streets.                       |
| 41.09                      | Intersection of Upham street and Bellevue avenue.             |
| 13.78                      | Sill of Upham street school-house.                            |
| 18.00                      | In front of G. W. Chipman's house on extension of Tremont St. |
| 3.00                       | Top of hill, opposite G. W. Chipman's house.                  |
| 73.00                      | Track of Boston & Maine R.R. 100 feet north of Franklin St.   |
| 18.00                      | Foundation of P. W. Curry's house, Orris street.              |
| 3.16                       | Doleful Pond above Spot Pond, November 13, 1884.              |

## WATER TAKERS, 1886.

|                                                   |       |
|---------------------------------------------------|-------|
| Families . . . . .                                | 1,224 |
| Apothecaries . . . . .                            | 4     |
| Aquarium . . . . .                                | 1     |
| Armory . . . . .                                  | 1     |
| Barber shops . . . . .                            | 3     |
| Bakehouses . . . . .                              | 2     |
| Blacksmith shop . . . . .                         | 1     |
| Churches . . . . .                                | 6     |
| Carriage shop . . . . .                           | 1     |
| Engine and hose houses . . . . .                  | 4     |
| Fish markets . . . . .                            | 3     |
| Greenhouses . . . . .                             | 6     |
| Hand hose . . . . .                               | 306   |
| Hydrants . . . . .                                | 109   |
| Halls . . . . .                                   | 6     |
| Livery and boarding stables . . . . .             | 4     |
| Manufactories . . . . .                           | 7     |
| Motors . . . . .                                  | 2     |
| Ornamental fountains . . . . .                    | 6     |
| Private stables . . . . .                         | 31    |
| Printing-office . . . . .                         | 1     |
| Public drinking fountains . . . . .               | 5     |
| Public ornamental fountains . . . . .             | 2     |
| Railroad depots . . . . .                         | 4     |
| Standpipes . . . . .                              | 3     |
| School-houses . . . . .                           | 10    |
| Stores and shops . . . . .                        | 14    |
| Truck and cart stables . . . . .                  | 20    |
| Number of water-takers as per register 1886, 1404 |       |
| Number of water-takers as per register 1885, 1280 |       |
| Increase over 1885 . . . . .                      | 124   |

## RECEIPTS FOR WATER.

*Amount received for Water Rates exclusively.*

|                   |            |
|-------------------|------------|
| 1860-71 . . . . . | \$3,909 29 |
| 1872 . . . . .    | 5,141 84   |
| 1873 . . . . .    | 6,133 88   |
| 1874 . . . . .    | 7,202 31   |
| 1875 . . . . .    | 7,882 85   |
| 1876 . . . . .    | 8,788 93   |
| 1877 . . . . .    | 8,850 45   |
| 1878 . . . . .    | 9,267 95   |
| 1879 . . . . .    | 9,717 13   |
| 1880 . . . . .    | 9,863 14   |
| 1881 . . . . .    | 10,223 84  |
| 1882 . . . . .    | 10,818 84  |
| 1883 . . . . .    | 12,826 05  |
| 1884 . . . . .    | 13,695 51  |
| 1885 . . . . .    | 15,192 79  |

Estimated income for 1886, 16,800 00

## CONSTRUCTION ACCOUNT.

Cost of water works to January 1, 1885 . \$189,441 98

Expended this year as follows : —

|                                     |            |
|-------------------------------------|------------|
| Goodhue & Birnie, cement pipe .     | \$1,799 50 |
| S. E. Benson, cement . . . .        | 290 00     |
| Walworth Mfg. Co., gate-boxes .     | 51 00      |
| Ludlow Valve Co., hydrants . .      | 69 70      |
| Geo. H. Sampson, powder . . .       | 19 58      |
| Chapman Valve Co., gates . . .      | 189 68     |
| Pattee & Draper, hydrants . . .     | 128 00     |
| Bingham & Taylor, gate-boxes . .    | 24 00      |
| Davis & Farnum Mfg. Co., iron pipe  | 178 71     |
| Somerville Iron Foundry, stop-boxes | 137 70     |

|                                  |            |              |
|----------------------------------|------------|--------------|
| <i>Amounts carried forward .</i> | \$2,887 87 | \$189,441 98 |
|----------------------------------|------------|--------------|

|                                        |            |                    |
|----------------------------------------|------------|--------------------|
| <i>Amounts brought forward</i> .       | \$2,887 87 | \$189,441 98       |
| Summers & Hunt, corporation stops      | 200 00     |                    |
| Dalton & Ingersoll, stop-cocks . .     | 100 73     |                    |
| Thomas McCoubry, repairing tools       | 85 20      |                    |
| Labor bills, labor . . . .             | 1,443 50   |                    |
| A. C. Chick, blasting . . . .          | 88 87      |                    |
| L. T. Freeman, teaming . . . .         | 31 50      |                    |
| J. C. Howes, labor and material .      | 23 00      |                    |
| Cunningham Iron Works, service pipe    | 425 00     |                    |
|                                        | <hr/>      | 5,285 67           |
| Cost of water works to January 1, 1886 |            | <hr/> \$194,727 65 |

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#### MAINTENANCE ACCOUNT, 1885.

|                                                            |                  |
|------------------------------------------------------------|------------------|
| Mosler, Bowen & Co., safe . . .                            | \$75 00          |
| Summers & Hunt, fittings and stops                         | 30 90            |
| Bugbee & Barrett, sundries . .                             | 23 24            |
| M. F. Eastman, pine wood . . .                             | 1 70             |
| George B. Sargent, letter-press .                          | 7 75             |
| J. C. Howes, labor, material and<br>horse hire . . . .     | 483 08           |
| City of Malden, service pipe . .                           | 19 79            |
| P. D. Meston, binding reports . .                          | 6 25             |
| S. P. Rowell, hanging map . . .                            | 1 25             |
| S. E. Tinckham, drawing map . .                            | 58 00            |
| Percy M. Blake, taking levels and<br>making report . . . . | 100 00           |
| Addison Lane, salary and expense .                         | 1,031 74         |
| Alfred Mudge & Son, printing special<br>reports . . . .    | 40 96            |
| C. E. Bruce, directory . . . .                             | 2 00             |
| T. W. Ripley, printing reports . .                         | 7 00             |
| <i>Amount carried forward</i> . . .                        | <hr/> \$1,888 66 |

|                                               |   |   |            |
|-----------------------------------------------|---|---|------------|
| <i>Amount brought forward</i>                 | . | . | \$1,888 66 |
| J. S. Austin, horse hire                      | . | . | 51 00      |
| Parker & Wood, hardware                       | . | . | 12 25      |
| Frost & Adams, blue prints                    | . | . | 3 20       |
| C. G. Harris, cotton cloth                    | . | . | 2 11       |
| John Larrabee, auditing books                 | . | . | 15 00      |
| Cunningham Iron Works, iron pipe              | . | . | 435 99     |
| F. T. & C. E. Palmer, oiling washstand        | . | . | 75         |
| H. A. Leonard, sand                           | . | . | 8 25       |
| William L. Williams, printing                 | . | . | 23 50      |
| S. E. Benson, cement                          | . | . | 26 28      |
| Ætna Rubber Co., enamelled cloth              | . | . | 26 85      |
| Alden B. Smith, hammer handles and<br>scraper | . | . | 3 30       |
| New England News Co., stationery              | . | . | 19 70      |
| J. P. Deering, lumber                         | . | . | 4 32       |
| Edwards Brothers, derrick                     | . | . | 12 00      |
| M. C. Warren, tape measure                    | . | . | 1 25       |
| O. F. Ingalls, office counter                 | . | . | 66 50      |
| George W. Bartlett, horse hire                | . | . | 95 50      |
| Eastman's Express, expressing                 | . | . | 58 93      |
| Boston Rubber Shoe Co., rubber boots          | . | . | 12 90      |
| Wiley & Richardson, lead and oil              | . | . | 7 14       |
| Boston & Maine R.R., freight bills            | . | . | 18 21      |
| Labor bills, labor                            | . | . | 2,253 68   |
| Thomas McCoubry, repairing tools              | . | . | 45 10      |
| Dalton & Ingersoll, Newport stops             | . | . | 70 00      |
| Wingate P. Sargent, commissioner              | . | . | 50 00      |
| Wilber D. Fiske,                              | " | . | 50 00      |
| John R. Jones,                                | " | . | 50 00      |
| H. B. Newhall, distributing notices           | . | . | 2 50       |
|                                               |   |   | <hr/>      |
|                                               |   |   | \$5,314 87 |
| <i>Amount carried forward</i>                 | . | . | \$5,314 87 |



*Amount brought forward* . . . . \$5,314 87

## INTEREST ACCOUNT.

|                                      |            |             |
|--------------------------------------|------------|-------------|
| April 1, 1885, coupons on \$50,000 . | \$1,500 00 |             |
| July 1, " " " \$100,000 .            | 3,000 00   |             |
| Oct. 1, " " " \$50,000 .             | 1,500 00   |             |
| Jan. 1, 1886, " " " \$100,000 .      | 3,000 00   |             |
|                                      |            | <hr/>       |
|                                      |            | 9,000 00    |
|                                      |            | <hr/>       |
|                                      |            | \$14,314 87 |

## RECEIPTS.

|                                     |            |             |
|-------------------------------------|------------|-------------|
| Received from town for use of water | \$2,000 00 |             |
| " " city of Malden for care         |            |             |
| of gate house, &c. .                | 345 05     |             |
| " for stock sold . .                | 62 96      |             |
| " " stone " . .                     | 8 50       |             |
| " " notices . .                     | 1 20       |             |
| " " shutting off . .                | 2 00       |             |
| " " water rates . .                 | 15,192 79  |             |
| " on pipe account . .               | 1,283 28   |             |
|                                     |            | <hr/>       |
|                                     |            | \$18,895 78 |

## CONTRA.

|                              |            |           |
|------------------------------|------------|-----------|
| Paid on interest account . . | \$9,000 00 |           |
| " maintenance account . .    | 5,314 87   |           |
|                              |            | <hr/>     |
|                              |            | 14,314 87 |

Surplus for the year . . . . . \$4,580 91

*Furniture, Stock and Tools on hand January 1, 1886.*

|                              |            |
|------------------------------|------------|
| Office furniture . . . . .   | \$433 00   |
| Tools of all kinds . . . . . | 200 00     |
| Stock . . . . .              | 923 88     |
|                              | <hr/>      |
|                              | \$1,556 88 |

WINGATE P. SARGENT.

W. D. FISKE.

J. R. JONES.

## REPORT OF SUPERINTENDENT.

*Melrose Water Commissioners:*

Gentlemen, — In accordance with the usual custom, I herewith submit to you my annual report, giving in detail the operations of this department, showing the progress and present condition of the works, together with a condensed statement of the receipts for the year ending December 31, 1885.

The past season has been a very busy one. The building of houses in localities off the lines of pipe and laying out of new streets has greatly increased the demand for new services and extension of the street mains, consequently a larger amount has been expended than in previous years. But few leaks have occurred, and all parts of the works are in good condition.

## THE POND.

The supply of water has been of good quality and abundant in quantity, the pond being unusually full for this time of year. The following record will show the condition of the pond during the year 1885:

## RECORD.

*Rise and Fall of the Pond in 1885.*

|      |     |           |                  |                               |   |   |   |   |   |
|------|-----|-----------|------------------|-------------------------------|---|---|---|---|---|
| Jan. | 1.  | Water was | 32 $\frac{3}{4}$ | inches below high-water mark. |   |   |   |   |   |
| "    | 10. | " "       | 29 $\frac{3}{4}$ | "                             | " | " | " | " | " |
| "    | 20. | " "       | 24 $\frac{1}{4}$ | "                             | " | " | " | " | " |
| "    | 30. | " "       | 23 $\frac{3}{4}$ | "                             | " | " | " | " | " |
| Feb. | 10. | " "       | 23               | "                             | " | " | " | " | " |
| "    | 20. | " "       | 19 $\frac{3}{4}$ | "                             | " | " | " | " | " |
| "    | 28. | " "       | 20 $\frac{1}{2}$ | "                             | " | " | " | " | " |
| Mar. | 10. | " "       | 17 $\frac{1}{4}$ | "                             | " | " | " | " | " |
| "    | 20. | " "       | 17 $\frac{1}{2}$ | "                             | " | " | " | " | " |

|           |       |     |                  |        |                        |            |       |
|-----------|-------|-----|------------------|--------|------------------------|------------|-------|
| Mar. 30.  | Water | was | 18               | inches | below                  | high-water | mark. |
| April 10. | "     | "   | 13 $\frac{1}{4}$ | "      | "                      | "          | "     |
| " 20.     | "     | "   | 13               | "      | "                      | "          | "     |
| " 30.     | "     | "   | 11 $\frac{1}{4}$ | "      | "                      | "          | "     |
| May 10.   | "     | "   | 7 $\frac{1}{2}$  | "      | "                      | "          | "     |
| " 24.     | "     | "   | 4 $\frac{1}{2}$  | "      | the highest point.     |            |       |
| " 30.     | "     | "   | 5 $\frac{3}{4}$  | inches | below                  | high-water | mark. |
| June 10.  | "     | "   | 5 $\frac{1}{4}$  | "      | "                      | "          | "     |
| " 20.     | "     | "   | 9 $\frac{3}{4}$  | "      | "                      | "          | "     |
| " 30.     | "     | "   | 11 $\frac{1}{2}$ | "      | "                      | "          | "     |
| July 10.  | "     | "   | 14 $\frac{3}{4}$ | "      | "                      | "          | "     |
| " 20.     | "     | "   | 19 $\frac{3}{4}$ | "      | "                      | "          | "     |
| " 30.     | "     | "   | 22 $\frac{1}{2}$ | "      | "                      | "          | "     |
| Aug. 10.  | "     | "   | 24 $\frac{1}{2}$ | "      | "                      | "          | "     |
| " 20.     | "     | "   | 29 $\frac{1}{4}$ | "      | "                      | "          | "     |
| " 30.     | "     | "   | 30 $\frac{1}{2}$ | "      | "                      | "          | "     |
| Sept. 10. | "     | "   | 32 $\frac{1}{2}$ | "      | "                      | "          | "     |
| " 20.     | "     | "   | 36 $\frac{1}{4}$ | "      | "                      | "          | "     |
| " 30.     | "     | "   | 39 $\frac{1}{4}$ | "      | "                      | "          | "     |
| Oct. 10.  | "     | "   | 40 $\frac{1}{2}$ | "      | "                      | "          | "     |
| " 13.     | "     | "   | 41 $\frac{1}{2}$ | "      | the lowest point.      |            |       |
| " 20.     | "     | "   | 39 $\frac{1}{2}$ | "      | below high-water mark. |            |       |
| " 30.     | "     | "   | 39 $\frac{1}{2}$ | "      | "                      | "          | "     |
| Nov. 10.  | "     | "   | 37 $\frac{3}{4}$ | "      | "                      | "          | "     |
| " 20.     | "     | "   | 38               | "      | "                      | "          | "     |
| " 30.     | "     | "   | 23 $\frac{1}{2}$ | "      | "                      | "          | "     |
| Dec. 10.  | "     | "   | 20 $\frac{1}{2}$ | "      | "                      | "          | "     |
| " 20.     | "     | "   | 16 $\frac{3}{4}$ | "      | "                      | "          | "     |
| " 30.     | "     | "   | 17 $\frac{1}{2}$ | "      | "                      | "          | "     |

## RECORD OF RAINFALL AT SPOT POND.

|         |      |      |       |      |      |      |        |
|---------|------|------|-------|------|------|------|--------|
| 1885.   | Jan. | Feb. | Mar.  | Apr. | May  | June |        |
| Inches. | 5.53 | 3.53 | 0.98  | 3.79 | 3.95 | 3.93 |        |
|         | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total. |
|         | 1.70 | 5.87 | 1.26  | 6.11 | 6.33 | 2.03 | 45.01  |

## COMPARATIVE RECORD.

*Showing the lowest points below high-water mark to which the pond has been drawn since 1874.*

1874. — Lowest point, 43 inches, Dec. 7.
1875. — Lowest point, 61 inches, Feb. 22. Pond full, June 23. Next lowest point, 33 inches, Nov. 10.
1876. — Lowest point, 37 inches, Nov. 6. Pond full, March 25.
1877. — Lowest point, 33 inches, Sept. 30. Pond full, March 15.
1878. — Lowest point,  $27\frac{1}{2}$  inches, Nov. 13. Pond full, Jan. 15. Pond full second time, Dec. 14.
1879. — Lowest point, 45 inches, Dec. 20. Pond full and running over at waste-way from Jan. 1 to May 20.
1880. — Lowest point  $63\frac{1}{4}$  inches, Dec. 30; highest point, May 10; being then 12 inches below high-water mark.
1881. — Lowest point, 65 inches, Jan. 8, at which time the water was down to the top of the pipe at the gate-house: commenced pumping and continued until Jan. 22. The pump was started again Feb. 6, and run until Feb. 13. Pond full and running over from March 22 to April 30. Next lowest point, 32 inches, Dec. 22.
1882. — Lowest point,  $37\frac{1}{2}$  inches, Dec. 21. Pond full and running over at waste-way from March 3 to April 3.
1883. — Lowest point, 82 inches, Dec. 30. The highest point reached was 15 inches below high-water mark, May 30. Commenced pumping Sept. 23, and continued to pump to this time, Dec. 31.
1884. — Lowest point,  $82\frac{1}{2}$  inches, Jan. 1. Pond full and running over from April 16 to May 10. Next lowest point,  $40\frac{1}{4}$  inches, Nov. 23.
1885. — Lowest point,  $41\frac{1}{2}$  inches, Oct. 13. The highest point reached was on May 24, when it was  $4\frac{1}{2}$  inches below high-water mark.

## STREET MAINS.

One hundred and eighty-five (185) feet of 8-inch iron pipe has been laid on Goodyear avenue. Three hundred and thirty-five (335) feet of 6-inch pipe, three thousand six hundred and six (3606) feet of 4-inch pipe, four hundred and forty-seven (447) feet of 2-inch pipe, and two hundred and ninety (290) feet of 1½-inch pipe has been laid the past season.

Fifty (50) feet of 4-inch pipe on Trenton street, running through a culvert, has been taken up and re-laid below the bottom of the culvert.

Nine leaks have occurred in the main pipes and been repaired. Four of these were caused by lightning.

TABLE SHOWING LOCATION, SIZE, LENGTH, &C., OF MAINS LAID IN 1885.

| Street.       | Location.                     | Length in feet of each size. |     |      |     |       |       | Gates. | Hydrants. | Cost.     |
|---------------|-------------------------------|------------------------------|-----|------|-----|-------|-------|--------|-----------|-----------|
|               |                               | 8                            | 6   | 4    | 2   | 1 1-4 | 3-4   |        |           |           |
| Goodyear Ave. | Extended (west)               | 185                          |     |      |     |       |       | 1      |           | \$332 00  |
| Goodyear "    | From Washington (west)        |                              |     | 380  |     |       |       |        | 1         | 436 00    |
| Bellevue "    | Connected with Upham          |                              | 210 |      |     |       | Ledge | 1      |           | 185 00    |
| Cleveland St. | From Maple (south)            |                              |     | 682  |     |       |       | 1      | 1         | 400 00    |
| Franklin "    | From Warren (west)            |                              |     | 200  |     |       |       |        |           | 175 00    |
| Orris "       | From Vinton (west)            |                              |     | 430  |     |       |       | 1      |           | 400 00    |
| Glen "        | From Trenton (west)           |                              |     | 232  |     |       |       | 1      |           | 145 00    |
| Fifth "       | From Grove (north)            |                              |     | 770  |     |       |       | 2      |           | 595 00    |
| Youle "       | Extended (west)               |                              |     | 657  |     |       |       |        | 1         | 700 00    |
| Second "      | From Fifth (east)             |                              | 125 |      |     |       | Ledge | 1      | 1         | 130 00    |
| Albion "      | Extended (north)              |                              |     | 255  |     |       |       |        |           | 125 00    |
| Melrose "     | Hydrant                       |                              |     |      |     |       |       |        | 1         | 40 00     |
| Felton Place  | From Upham (north)            |                              |     |      | 245 |       |       | 1      |           | 150 00    |
| Grundy "      | From Trenton (east)           |                              |     |      | 202 |       |       | 1      |           | 120 00    |
| Faulkner "    | From Main (west)              |                              |     |      |     | 145   |       | 1      |           | 75 00     |
| Gordon "      | From Main (west)              |                              |     |      |     | 145   |       | 1      |           | 75 00     |
| Service pipe  | From main pipe to street line |                              |     |      |     |       | 2560  |        |           | 1152 67   |
|               | Total                         | 185                          | 335 | 3606 | 447 | 290   | 2560  | 12     | 5         | \$5285 67 |

## HYDRANTS.

Five new hydrants have been added to the fire service since the last report ; namely, —

One on Melrose street, west of the Arch bridge.

One on Second street, east of Fifth street.

One on Cleveland street, near Hurd street.

One on Goodyear avenue, west from Washington street.

One on Youle street, near Mrs. Vinton's.

One on Emerson street, near the High School building, has been taken out and reset to conform to the grade of the street.

One on Main street has been reset and placed nearer the edge of the sidewalk.

One on Florence street has had a new valve put in.

Whole number now in use, one hundred and nine.

The following record will show the number of leaks that have occurred and been repaired in 1885: —

Feb. 11. — Repaired leak in lead connection to service pipe on Main street.

Feb. 23. — Repaired leak in lead connection to service pipe on Tremont street.

March 6. — Repaired leak in service pipe on Main street, Reading hill. Burst by freezing.

March 7. — Repaired leak in lead connection to service pipe on Upham street.

March 7. — Repaired leak in lead connection to service pipe on Winthrop street.

March 27. — Repaired leak in 4-inch pipe on Myrtle street. Rusty pipe.

March 27. — Repaired leak in lead connection to service pipe on Myrtle street.

May 29. — Repaired leak in 6-inch gate on Vinton street. New stuffing-box and valve-stem.

Aug. 3. — Repaired leak in 4-inch pipe on Belmont street. Damaged by lightning.

Aug. 24. — Repaired leak in 4-inch pipe on Grove street. Leak in joint.

Aug. 24. — Lightning struck the house on the corner of Ashland and Melrose street, following the service pipe out



to the street main and bursting it in two places. Repaired by cutting in new pipe.

Aug. 26. — Repaired leak in 4-inch pipe on Melrose street, damaged by lightning August 24.

Sept. 3.— Repaired leak in 4-inch pipe on Trenton street. Rust hole.

Oct. 16. — Repaired leak in service pipe on Grove street. New stop.

Oct. 20. — Repaired leak in service pipe on Youle street.

Nov. 6. — Repaired leak in hydrant on Florence street. New valve.

Nov. 17.— Repaired leak in 4-inch pipe on Berwick street. Rusty pipe.

Dec. 15. — Repaired leak in 6-inch pipe on New Foster street. Leak in joint.

#### *Gates set in 1885.*

Ten new gates have been added to the pipe lines since the last report ; as follows : —

One 8-inch gate on Goodyear avenue, east of Washington street.

One 6-inch gate on Bellevue avenue, north of Upham street.

One 6-inch gate on Second street, south of Fifth street.

One 4-inch gate on Cleveland street, south of Maple street.

One 4-inch gate on Orris street, west of Vinton street.

One 4-inch gate on Melrose street, south of Vinton street.

One 4-inch gate on Fifth street, north of Grove street.

One 4-inch gate on Fifth street, south of Second street.

One 2-inch gate on Felton place, north of Upham street.

One 2-inch gate on Grundy place, east of Trenton street.

Making one hundred and twenty-nine (129) gates of various sizes now in use.

Eight gate boxes of wood have been replaced with iron.



## SERVICE PIPES.

The large number of houses built the past year has greatly increased the applications for new services, one hundred and eight having been laid the past season, and one 2-inch pipe carried to Small Bros.' factory for a fire service.

*Table of service pipe laid.*

|                 |                                     |          |
|-----------------|-------------------------------------|----------|
| 2               | inch pipe, fire service . . . . .   | 200 feet |
| 1 $\frac{1}{4}$ | " " from main pipe to street line . | 470 "    |
| 1               | " " " " " " " " " .                 | 493 "    |
| $\frac{3}{4}$   | " " " " " " " " " .                 | 2,560 "  |
| $\frac{3}{4}$   | " " " street line to cellar . . .   | 3,067 "  |

Total number of services connected with the mains at the present time, twelve hundred and thirteen. Three have been shut off for non-payment of water rent, two remaining off at the present time.

*Services relaid.*

Thirty-five services have been taken up and relaid and the rusty pipe and couplings taken out and replaced with new.

Ninety-four iron service boxes have been set in place of wooden ones that were decayed.

On account of the severe cold in February and March, eleven services were frozen in the street, and had to be dug up and thawed.

## DRINKING FOUNTAINS.

The town having voted to have a drinking fountain placed in Main street that would afford water in the winter season, one of the old iron fountains was taken out, and the town has replaced it with a good, substantial stone fountain that flows all winter.

## STANDPIPES.

There are three standpipes for watering carts, the number remaining the same as in the previous year, only two of them having been used the past season.

## FINANCIAL.

In addition to the above, I have, as Water Registrar, collected for water rates the sum of \$15,192.79, and from other sources \$1702.99, making a total of \$16,895.78, which sum has been paid to the town treasurer, for which I hold his receipts.

The following table will show the different classes of water-takers and the amounts paid by each; also the amounts received from other sources:

|                            |   |   |                   |
|----------------------------|---|---|-------------------|
| Received from families     | . | . | \$12,640 02       |
| " " stores and shops       | . |   | 198 25            |
| " " manufactories          | . | . | 491 50            |
| " " use of hose            | . | . | 909 00            |
| " " stables                | . | . | 513 87            |
| " " motors                 | . | . | 23 50             |
| " " meters                 | . | . | 71 90             |
| " " greenhouses            | . | . | 113 00            |
| " " halls                  | . | . | 66 75             |
| " " fountains and aquarium |   |   | 31 00             |
| " " churches               | . | . | 57 00             |
| " " depots                 | . | . | 56 00             |
| " " use of standpipe       | . |   | 15 00             |
| " " private school         | . | . | 6 00              |
|                            |   |   | <hr/> \$15,192 79 |
| " " city of Malden         | . | . | \$345 05          |
| " " pipe account           | . | . | 1,283 28          |
| " " stock sold, &c.        | . |   | 74 66             |
|                            |   |   | <hr/> 1,702 99    |
| Total                      | . | . | <hr/> \$16,895 78 |

Respectfully submitted,

ADDISON LANE,

*Superintendent.*

TOTAL AMOUNT AND LOCATION OF DISTRIBUTING PIPES TO THE  
PRESENT TIME.

| STREETS.                 | FEET OF PIPE. |         |         |        | HYDRANTS. | GATES. |        |        |        |
|--------------------------|---------------|---------|---------|--------|-----------|--------|--------|--------|--------|
|                          | 8-inch        | 6-inch. | 4-inch. | 2-inch |           | 6-inch | 4-inch | 2-inch | 8-inch |
| Albion.....              |               |         | 477     |        |           |        | 1      |        |        |
| Allen Place.....         |               |         |         | 138    |           |        |        | 1      |        |
| Ashland.....             |               |         | 1,955   |        | 2         |        | 3      |        |        |
| Auburn.....              |               |         | 372     |        |           |        | 1      |        |        |
| Avon.....                |               |         | 422     |        |           |        | 1      |        |        |
| Baxter.....              |               |         | 484     |        | 1         |        | 1      |        |        |
| Bellevue Avenue.....     |               | 410     | 1,000   |        | 2         | 1      | 1      |        |        |
| Belmont.....             |               |         | 376     |        |           |        | 1      |        |        |
| Berwick.....             |               |         | 1,226½  |        | 1         |        | 2      |        |        |
| Brazil.....              |               |         | 1,115   |        | 2         |        | 2      |        |        |
| Cedar Park.....          |               |         | 1,206½  | 457    | 2         |        | 2      |        |        |
| Charles.....             |               |         | 335     |        | 1         |        |        |        |        |
| Chestnut.....            |               |         | 572     |        | 1         |        | 2      |        |        |
| Circuit.....             |               |         | 310     |        |           |        | 1      |        |        |
| Cleveland.....           |               |         | 682     |        | 1         |        | 1      |        |        |
| Cottage.....             |               |         | 1,142   | 193    | 2         |        | 2      |        |        |
| East.....                |               |         | 534     |        |           |        | 1      |        |        |
| Ellsworth Avenue.....    |               |         |         | 314    |           |        |        | 1      |        |
| Elm.....                 |               |         | 1,057   |        | 1         |        |        |        |        |
| Emerald.....             |               |         | 508     |        | 1         |        | 2      |        |        |
| Emerson Place.....       |               |         |         | 251    |           |        |        | 1      |        |
| Emerson.....             |               | 743½    | 3,987   |        | 6         | 1      | 4      |        |        |
| Essex and Lake Ave.....  |               |         | 2,519   |        | 4         |        | 2      |        |        |
| Felton Place.....        |               |         |         | 245    |           |        |        | 1      |        |
| Fifth.....               |               |         | 770     |        |           |        | 2      |        |        |
| First.....               |               | 555     |         |        | 1         | 1      |        |        |        |
| Florence.....            |               |         | 1,340½  |        | 1         |        | 2      |        |        |
| Foster.....              |               | 507     | 1,470½  |        | 2         | 1      | 2      |        |        |
| Franklin.....            |               | 3,155½  | 560     |        | 4         | 2      |        |        |        |
| Glen.....                |               |         | 232     |        |           |        | 1      |        |        |
| Goodyear Avenue.....     | 1,235         |         | 398     |        | 4         |        |        |        | 2      |
| Green.....               |               | 2,700   |         |        | 3         | 1      |        |        |        |
| Greenwood.....           |               |         | 353     | 637    | 1         |        |        | 1      |        |
| Grove.....               |               | 1,865   | 1,669½  |        | 4         | 1      |        |        |        |
| Grundy Place.....        |               |         |         | 202    |           |        |        | 1      |        |
| Herbert.....             |               |         | 220     | 158½   |           |        | 1      |        |        |
| High.....                |               |         | 376     | 600    | 1         |        | 1      | 1      |        |
| Highland Avenue.....     |               |         |         | 250    |           |        |        | 1      |        |
| Hillside Ave.....        |               |         | 337     | 291    |           |        | 1      | 1      |        |
| Howard.....              |               |         | 272     | 550    |           |        | 1      | 1      |        |
| Hurd.....                |               |         | 768     |        |           |        | 1      |        |        |
| Irving.....              |               |         | 387     |        |           |        | 1      |        |        |
| Lebanon.....             |               |         | 2,750   |        | 2         |        | 1      |        |        |
| Linden Place.....        |               |         |         | 286    |           |        |        |        |        |
| Linwood Av. & Lynde..... |               |         | 2,960   |        | 3         |        | 1      |        |        |

TOTAL AMOUNT AND LOCATION OF DISTRIBUTING PIPES TO THE  
PRESENT TIME — *Concluded.*

| STREETS.              | FEET OF PIPE. |         |         |        | HYDRANTS. | GATES. |        |        |        |
|-----------------------|---------------|---------|---------|--------|-----------|--------|--------|--------|--------|
|                       | 8-inch        | 6-inch. | 4-inch. | 2-inch |           | 6-inch | 4-inch | 2-inch | 8-inch |
| Main .....            |               | 3,784   | 478     | 287    | 9         | 2      | 1      | 1      | ...    |
| Maple and Poplar...   |               |         | 2,265½  | ...    | 2         |        | 3      | ...    | ...    |
| Melrose .....         |               |         | 2,339½  | ...    | 2         |        | 1      | ...    | ...    |
| Mt. Vernon .....      |               |         | 394     | ...    | 1         |        | 1      | ...    | ...    |
| Myrtle and Lake Ave.. |               |         | 3,170   | ...    | 4         |        | 8      | ...    | ...    |
| Ninth .....           |               |         |         | 255    | ...       |        |        | 1      | ...    |
| Oakland .....         |               |         | 1,161   | ...    | 1         |        | 1      | ...    | ...    |
| Orient .....          |               |         | 211     | ...    |           |        | 1      | ...    | ...    |
| Orris .....           |               |         | 780     | 148    | ...       |        | 2      | 1      | ...    |
| Otis .....            |               |         |         | 780    | ...       |        |        | ...    | ...    |
| Perkins .....         |               |         | 236     | ...    |           |        | 1      | ...    | ...    |
| Pleasant .....        |               |         |         | 1,125  | 1         |        |        | 1      | ...    |
| Porter .....          |               |         | 2,514½  | ...    | 3         |        | 1      | ...    | ...    |
| Pratt .....           |               |         | 378     | ...    | 1         |        | 1      | ...    | ...    |
| Prospect Avenue...    |               |         | 500     | ...    | 1         |        | 1      | ...    | ...    |
| Prospect .....        |               |         | 1,026   | ...    | 1         |        | 1      | ...    | ...    |
| Rowe .....            |               |         | 950     | 552    | 2         |        | 3      | 1      | ...    |
| School .....          |               |         |         | 495    | ...       |        |        | ...    | ...    |
| Second .....          |               | 125     | ...     | ...    | 1         | 1      |        | ...    | ...    |
| Seventh .....         |               |         |         | 288    | ...       |        |        | 1      | ...    |
| Short and Main .....  |               |         |         | 470½   | ...       |        |        | ...    | ...    |
| Stevens Place .....   |               |         |         | 216    | ...       |        |        | ...    | ...    |
| Summer .....          |               |         | 701     | ...    | 2         |        | 1      | ...    | ...    |
| Third .....           |               |         | 287     | ...    | ...       |        | 1      | ...    | ...    |
| Tremont .....         |               |         | 3,180   | 500    | 2         |        | 4      | 1      | ...    |
| Trenton .....         |               | 1,233   | 1,331½  | ...    | 1         | 2      | 2      | ...    | ...    |
| Upham and Dell Ave.   |               |         | 6,771   | ...    | 5         |        | 4      | ...    | ...    |
| Vine .....            |               |         | 691     | ...    | ...       |        | 1      | ...    | ...    |
| Vinton .....          |               | 3,497½  | 436     | ...    | 6         | 3      | 1      | ...    | ...    |
| Walnut .....          |               |         | 187½    | ...    | ...       |        | 1      | ...    | ...    |
| Warren .....          |               |         | 632     | ...    | 2         |        | 1      | ...    | ...    |
| Washington .....      |               |         | 1,760   | ...    | 2         |        |        | ...    | ...    |
| Waverly Place .....   |               |         | 690½    | ...    | 1         |        | 1      | ...    | ...    |
| Willow .....          |               |         |         | 663    | ...       |        |        | 1      | ...    |
| Winter .....          |               |         | 241     | ...    | ...       |        | 1      | ...    | ...    |
| Winthrop Place .....  |               |         | 520     | ...    | 1         |        | 1      | ...    | ...    |
| Winthrop .....        |               |         | 695½    | ...    | ...       |        | 1      | ...    | ...    |
| Wyoming Avenue ..     |               |         | 1,076   | ...    | 3         |        | 1      | ...    | ...    |
| Youle .....           |               |         | 1,655½  | 342    | 2         |        | 1      | ...    | ...    |
| Wastes, 27 x 24 ..... |               |         | 51      | ...    | ...       |        |        | ...    | ...    |
| 80' Plugs .....       |               |         | 80      | ...    | ...       |        |        | ...    | ...    |
| Total .....           | 1,235         | 18,575½ | 72,533½ | 10694  | 109       | 16     | 93     | 18     | 2      |

Total length of Street Mains, 19.51 + miles.

## WATER RATES.

## DWELLING-HOUSES.

|                                                                                                                                                        |        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Occupied by one family, for the first faucet . . . . .                                                                                                 | \$6 00 |
| For each additional faucet to be used by the same family . . . . .                                                                                     | 2 00   |
| When a house is occupied by more than one family, and less than four, one faucet only being used for all, for each family . . . . .                    | 5 00   |
| When a house is occupied by four or more families, and but one faucet is used for all, for each family . . . . .                                       | 4 00   |
| When a house is occupied by more than one family, the highest rates will be charged for each family having water carried into their part of the house. |        |
| For the first water-closet . . . . .                                                                                                                   | 5 00   |
| For each additional water-closet . . . . .                                                                                                             | 3 00   |
| For hopper water-closet . . . . .                                                                                                                      | 8 00   |
| For first bath-tub . . . . .                                                                                                                           | 5 00   |
| For each additional bath-tub . . . . .                                                                                                                 | 3 00   |
| Provided that no private house shall pay more than \$25 per year.                                                                                      |        |

## BOARDING-HOUSES.

|                                                               |         |
|---------------------------------------------------------------|---------|
| For the first faucet . . . . .                                | \$10 00 |
| For each additional faucet . . . . .                          | 2 00    |
| For water-closet or bath-tub when used for boarders . . . . . | 10 00   |

Other charges as above.

When two faucets are used, one for hot and one for cold water, both emptying into one vessel, but one charge will be made for both.

## STORES.

|                                              |                   |
|----------------------------------------------|-------------------|
| Occupied as office, shop, or similar purpose | \$6 00 to \$20 00 |
| For each additional faucet . . . .           | 2 50              |
| For water-closet or urinal . . . .           | 6 00              |

## STABLES.

|                                   |        |
|-----------------------------------|--------|
| For first horse . . . . .         | \$5 00 |
| For each additional horse . . . . | 3 00   |
| For first cow . . . . .           | 2 00   |
| For each additional cow . . . . . | 1 00   |

## FOR LIVERY, CLUB AND BOARDING STABLE.

|                                   |        |
|-----------------------------------|--------|
| For first horse . . . . .         | \$5 00 |
| For each additional horse . . . . | 3 00   |

The above includes water for washing carriages.

Where hose is used, \$5 additional.

## TRUCK AND CART STABLES.

|                                   |        |
|-----------------------------------|--------|
| For first horse . . . . .         | \$5 00 |
| For each additional horse . . . . | 2 00   |

The above includes water for washing carriages.

## HOSE.

|                                                                        |        |
|------------------------------------------------------------------------|--------|
| For sprinkling streets, washing windows, and<br>similar uses . . . . . | \$3 00 |
|------------------------------------------------------------------------|--------|

When several desire to use the same hydrant for watering streets or watering gardens, see Superintendent.

## HOTELS.

|                                             |        |
|---------------------------------------------|--------|
| For each bed for boarders and lodgers . . . | \$3 00 |
|---------------------------------------------|--------|

## BATHS.

|                                                  |         |
|--------------------------------------------------|---------|
| For public baths, and for each bath in any hotel | \$10 00 |
| For water-closet in public bath-houses . . .     | 10 00   |



## STEAM ENGINES.

|                                              |        |
|----------------------------------------------|--------|
| For each stationary steam-engine working not | .      |
| over ten hours a day, for each horse-        | .      |
| power                                        | \$6 00 |

## BUILDING PURPOSES.

|                                       |        |
|---------------------------------------|--------|
| For every cask of lime or cement used | \$0 05 |
|---------------------------------------|--------|

## ORNAMENTAL FOUNTAINS.

(Ordinarily used three hours a day, for a period of not more than four months a year.)

|                                       |        |
|---------------------------------------|--------|
| For a jet of one-sixteenth of an inch | \$3 00 |
| For a jet of one-eighth of an inch    | 5 00   |
| For a jet of one-quarter of an inch   | 8 00   |

To be cut off at the discretion of the Superintendent.

## MANUFACTORIES.

And for all purposes not enumerated in the foregoing rates, special contract to be made with the Water Board.

This schedule of prices was printed in a circular, and distributed among the citizens, with this additional note : —

“All parties wishing Spot Pond water introduced into their buildings will be required to sign an application for the same. A book for that purpose may be found at the Town Clerk's office.”

## REPORT OF THE SPECIAL COMMITTEE

ON IMPROVED WATER SUPPLY FOR THE TOWN OF MELROSE.

*To the Town of Melrose : —*

We hereby respectfully submit a brief report of the operations of this committee up to the present date.



All the surveys, plans and maps for the entire work of the high service system have been completed; land for the reservoir and pumping station, with the right of way thereto, has been purchased; a suitable brick pumping station has been erected at the pond, and is ready to receive the machinery, which has been contracted for and is now under process of construction.

All the cast-iron pipe for the suction and force mains has been purchased and delivered. The suction main is laid out into the pond, and nearly all the force main has been laid.

The contract for building the reservoir has been let, work commenced on the same, and about one third completed.

A contract has been made with the city of Malden by which Melrose will come into full ownership and possession of the main pipe now used and owned in common, when the works are finished.

Operations were suspended in December for the winter. Work will be resumed in the spring as early as the weather will permit, and the entire system completed as soon thereafter as possible.

Respectfully submitted,

W. F. SHERMAN,

*Secretary of Committee on Improved Water Supply.*

Melrose, December 31, 1885.

# REPORT

OF THE

## WATER LOAN SINKING FUND COMMISSIONERS.

---

The water loan sinking fund commissioners present the following report for the past year: —

|                                                                                           |           |
|-------------------------------------------------------------------------------------------|-----------|
| Cash on hand January 1, 1885                                                              | \$487 48  |
| Received interest on investments                                                          | 969 58    |
| "    from water board, surplus income for<br>1884                                         | 4,643 08  |
| Received from water board on account income<br>for 1885                                   | 756 92    |
| Received from sale of sundry securities — sold<br>for the purpose of changing investments | 11,198 75 |

We have bought for investment \$11,000 Melrose high service water bonds, 4's, at 106 and accrued interest, \$11,730-21, and have invested in mortgages on real estate \$6300.

The sinking fund stands at present date as follows:—

|                                     |             |
|-------------------------------------|-------------|
| U.S. bonds, 4½%                     | \$3,500 00  |
| City of Providence, 5%              | 1,000 00    |
| Town of Melrose, 4%                 | 11,000 00   |
| Mortgages on real estate in Melrose | 9,000 00    |
| Cash                                | 15 60       |
|                                     | \$24,515 60 |

Respectfully submitted,

DANIEL RUSSELL,  
ROYAL P. BARRY,  
JOHN W. FARWELL,  
*Commissioners.*

Melrose, January 1, 1886.

## REPORT OF POLICE DEPARTMENT.

---

*To the Honorable Board of Selectmen :*

The report of the police department is as follows, for the year ending December 31, 1885 :—

Cases brought before the court.

|                           |    |                         |    |
|---------------------------|----|-------------------------|----|
| 1. Assault . . . . .      | 4  | 12. Neglect to support  |    |
| 2. Breaking and entering  | 1  | minors . . . . .        | 2  |
| 3. Common drunk . . . .   | 1  | 13. Neglect to support  |    |
| 4. Drunks . . . . .       | 13 | , wife . . . . .        | 1  |
| 5. Stubborn and diso-     |    | 14. Selling mortgaged   |    |
| bedient children . . .    | 2  | property . . . . .      | 2  |
| 6. Disturbing the peace   | 5  | 15. Truancy . . . . .   | 3  |
| 7. Default warrant . . .  | 2  | 16. Vagrancy . . . . .  | 3  |
| 8. Gaming on Lord's       |    | 17. Threatening . . . . | 6  |
| day . . . . .             | 1  | 18. Lodgers . . . . .   | 67 |
| 9. Insane . . . . .       | 2  | 19. Notices delivered . | 63 |
| 10. Liquor nuisance . . . | 4  | 20. Disturbances sup-   |    |
| 11. Larceny . . . . .     | 3  | pressed . . . . .       | 8  |

Respectfully submitted,

FRANK M. McLAUGHLIN,

*Chief of Police.*

# THE MELROSE PUBLIC LIBRARY

| 1885.           |  | DR.                                           |                   |
|-----------------|--|-----------------------------------------------|-------------------|
| Feb. 10, }      |  | To cash paid W. L. Williams, printing         | \$25 25           |
| Dec. 19, }      |  |                                               |                   |
| Feb. 10, }      |  | " " P. D. Meston, binding                     | 119 85            |
| Dec. 3, }       |  |                                               |                   |
| Feb. 19, }      |  | " " Mass. His. Soc., books                    | 6 00              |
| " 26, }         |  | " " T. W. Ripley, reports                     | 3 00              |
| Mch. 3, }       |  | " " J. B. Holmes, books                       | 9.75              |
| Dec. 28, }      |  |                                               |                   |
| Mch. 5, }       |  | " " De Wolfe, Fiske & Co., books              | 482 71            |
| Dec. 30, }      |  |                                               |                   |
| Mch. 12, }      |  | " " J. A. Lowell & Co., engraving             | 13 00             |
| " 18, }         |  | " " Town Weymouth, books                      | 2 00              |
| Apr. 7, }       |  | " " G. B. Sargent, ribbons                    | 1 75              |
| Dec. 30, }      |  |                                               |                   |
| Apr. 11, }      |  | " " W. W. Wheildon, books                     | 2 35              |
| " 1, }          |  | " " Miss C. M. Worthen, librarian             | 255 20            |
| Dec. 30, }      |  |                                               |                   |
| May 5, }        |  | " " A. S. Clark, books                        | 20 25             |
| " 5, }          |  | " " Fords, Howard & Co., books                | 10 00             |
| " 14, }         |  | " " U. S. War Department, "                   | 2 67              |
| Dec. 3, }       |  |                                               |                   |
| May 14, }       |  | " " Babb & Stephens, printing                 | 20 00             |
| " 16, }         |  | " " Eastman's Express                         | 13 95             |
| Dec. 30, }      |  |                                               |                   |
| June 1, }       |  | " " J. B. Alden, books                        | 7 40              |
| " 2, }          |  | " " Mrs. C. Cochran, books                    | 20 00             |
| " 9, }          |  | " " S. A. Drake, "                            | 5 00              |
| " 10, }         |  | " " N. J. Bartlett, "                         | 13 90             |
| " 16, }         |  | " " W. A. Greenough, books                    | 2 00              |
| " 18, }         |  | " " C. C. Morse & Son, books                  | 1 12              |
| " 23, }         |  | " " Little, Brown & Co., "                    | 1 67              |
| Sept. 10, }     |  | " " W. H. Beehler, "                          | 3 00              |
| " 21, }         |  | " " J. W. Lewis & Co., "                      | 3 50              |
| Oct. 10, }      |  |                                               |                   |
| Dec. 30, }      |  | " " King & Merrill, stationery                | 2 75              |
| Oct. 24, }      |  | " " T. Y. Crowell & Co., books                | 5 00              |
| Nov. 2, }       |  |                                               |                   |
| Dec. 29, }      |  | " " Library Bureau for reading-room           | 152 19            |
| Nov. 19, }      |  | " " E. Paul, painting                         | 62 00             |
| Dec. 10, }      |  | " " S. F. Oliver, gas fitting                 | 14 00             |
| " 11, }         |  | " " Small Bros., reading-room                 | 120 00            |
| " 19, }         |  | " " Lawrence, Wilde & Co., curtains           | 7 07              |
| " 26, }         |  | " " C. C. Barry, books                        | 2 00              |
| " 30, }         |  | " " T. S. Love, carpentering                  | 28 69             |
| " 30, }         |  | " " H. N. Cass, frame                         | 10 00             |
| " 30, }         |  | " " Bubier & Co., umbrella stand              | 4 00              |
| Feb. 10, }      |  | " " mucilage, P.O. box, keys, paper, ink, &c. | 10 27             |
| Dec. 30, }      |  |                                               |                   |
| Balance on hand |  |                                               | 1 38              |
|                 |  |                                               | <u>\$1,464 67</u> |

# IN ACCOUNT WITH E. H. GOSS, TREASURER.

| 1885.      | CR.                                        |                   |
|------------|--------------------------------------------|-------------------|
| Feb. 2,    | Balance from account, 1884                 | \$54 27           |
| Mch. 4,    | By cash from town treasurer, dog tax, 1884 | 573 85            |
| June 3, }  | " " " librarian, fines                     | 66 05             |
| Dec. 30, } | " " " " catalogues                         | 20 50             |
| July 15, } | " " " town treasurer, appropriation        | 750 00            |
| Dec. 10, } |                                            |                   |
|            |                                            | <u>\$1,464 67</u> |



## STATEMENT OF THE HORATIO NELSON PERKINS' FUND.

| 1885.      | DR.                                     |                 |
|------------|-----------------------------------------|-----------------|
| Mch. 9, }  | To cash paid G. P. Putnam's Sons, books | \$25 00         |
| Oct. 28, } |                                         |                 |
| 1886.      |                                         |                 |
| Jan. 1,    | Balance on hand                         | 515 50          |
|            |                                         | <u>\$540 50</u> |

| 1885.   | CR.                                |                 |
|---------|------------------------------------|-----------------|
| Jan. 1, | By balance in Melrose Savings Bank | \$520 20        |
|         | " interest to January 1, 1886      | 20 30           |
|         |                                    | <u>\$540 50</u> |

Respectfully submitted,

Melrose, January 1, 1886.

E. H. GOSS, *Treasurer.*

## MELROSE PUBLIC LIBRARY.

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The trustees of the public library present their fifteenth annual report.

The year has been eventful.

In the early days of the library, from November, 1871, to March, 1872, the esteemed chairman of the board of trustees, Frederic Kidder, Esq., then in the fulness of his strength, was accustomed to devote two evenings a week, in company with his fellow trustees, distributing books, doing the clerical work and advising the boys and girls what to read.

The apparent delight this work afforded him is something long to be remembered, and among the pleasant recollections of our friend will always be the picture of this man of studious habits, patiently serving the children of a younger generation.

Frederic Kidder was born in New Ipswich, N.H., April 16, 1804, and died in Melrose, December, 19, 1885.

He served as the chairman of our board of trustees from the foundation of the library until March, 1884, when, on account of failing health, he relinquished the position and was succeeded by Mr. Thomas B. Peck.

After retiring from business in 1869, he devoted himself diligently to historical studies, and is well known as the author of several books, besides numerous magazine articles, all in his chosen department of literature.

His published works are as follows : —

Eastern Maine and Nova Scotia in the Revolution, 1867.

The First New Hampshire Regiment in the Revolution, 1868.

History of the Boston Massacre, 1870.



The Expedition of John Lovewell, 1875.

The Swedes on the Delaware and their Intercourse with New England, 1878.

The Discovery of North America by John Cabot, 1878.

So long as health and strength remained he was of great service to the town, and will live in the memory of men by reason of his faithfulness in the discharge of duty.

As a writer he will be remembered for his patient and untiring investigation for historic truth, and his books will serve to illustrate his character.

Appropriate resolutions were placed on our records, published in the "Melrose Journal," and forwarded to Mr. Kidder's nephew in New York.

The income of the "Horatio N. Perkins' Fund" has been expended in the purchase of the complete works of Alexander Hamilton, edited by Henry Cabot Lodge. Six volumes are already in the library.

At the town meeting in March, 1885, the sum of seven hundred and fifty dollars and the dog tax was appropriated for the public library and reading-room.

Mrs. Ruby F. Farwell was elected a member of the board of trustees.

In June, after some correspondence with the trustees, Mr. George W. Ellison, brother of our townsman Mr. Samuel Ellison, presented to the library his private collection of books. It consisted of fifty-eight volumes, in excellent state of preservation and very carefully selected. Under date of 3d of June, Mr. Ellison says, "These volumes have been a source of great pleasure and consolation to me, serving to while away many a happy hour. Long-continued ill-health admonishes me that I cannot expect to continue much longer to use them, and that it is much better they should serve as part of a public library than remain any longer idle on my shelves. They are all standard works, including history, biography, voyages, travels, poetry, &c."



Is not this an example to be followed by many of our citizens?

When, on March 27, 1871, the town voted to establish a "public library and reading-room" it was not anticipated that fourteen years would pass before the vote could be fully carried into effect.

It is with keenest pleasure, therefore, that we look back over the record of this year and mark the establishment of the public reading-room as an accomplished fact.

Your trustees met with unexpected difficulties in endeavoring to secure the use of the room occupied by the school committee, and not until June was a favorable reply to our request received from the secretary of the board.

After the summer vacation other difficulties were encountered, but in November contracts were made for fitting and furnishing. By arrangement with the school board the room is used temporarily by both parties.

The doors of the reading-room were thrown wide open to the people Wednesday evening, December 16, 1885, with congratulatory remarks by the chairman of the board of trustees, Mr. Goss, and a cordial letter from the chairman of the selectmen, Mr. Levi S. Gould.

The room is sunny, attractive and homelike.

The heavier articles of furniture, including magazine case, reading desk, paper rack, &c., of ash, were made to order by Small Brothers; the chairs, tables, binders, &c., were furnished by the Library Bureau. The decorations of walls and ceiling was by Edward Paul. The carpentry by Mr. Love.

The trustees acknowledged with pleasure the valued services of Mr. H. E. Davidson of the Library Bureau, who as a citizen gave his personal attention to carrying out the plans for fitting up the reading-room and spent much time in arranging the files for magazines and papers. His suggestions were of much value to the trustees.

The room has been open (excepting the two evenings in each month, and an afternoon, occasionally, when it is used by the school board) every evening during the week, and Wednesday and Saturday afternoons.

The attendance in December averaged two hundred per week; and on Saturdays all the available facilities are taxed to meet the requirements.

It is pleasant and inspiring to see the use that is made of the magazines and papers, especially those of a scientific character. It is noteworthy that the "Scientific American" attracts more readers than any other paper.

No sooner had the reading-room opened than gifts were presented; and scarcely a week goes by without the addition of some attractive and appropriate memorial of the good-will of the townspeople.

The first gift was an engraving of "The senate of the United States of the time of Henry Clay" from Mrs. Charlotte Cochran. In its antique gilt frame, setting off the admirable likenesses of well-known statesmen, it is very acceptable.

Mrs. Georgia Boardman, conceiving the idea of identifying the young people of the town in a practical manner with the new reading-room, devoted the net proceeds of an entertainment, given under her direction in the town hall, to the purchase of a handsome marble "Howard" clock, which was carefully placed in position for presentation Wednesday, January 20. It bears this inscription:

*"Presented to the Melrose Public Library, by the children of the Mother Goose Club, Jan. 20, 1886."*

At the appointed hour the club marched from the upper hall, in gay array, and filled the reading-room.

The clock was presented by Miss Annie E. Whelden, in a neat address, and was accepted, with thanks, by Mr. Goss, on behalf of the trustees.

Scarcely had the applause died away when Rev. D. P. Livermore, with introductory remarks, presented to the library, as the gift of his esteemed wife, our townswoman, Mrs. Mary A. Livermore, the bust of Hon. Samuel E. Sewall, by Anne Whitney, sculptor.

The letter accompanying the gift was as follows : —

*To the Trustees of the Melrose Public Library :*

LADIES AND GENTLEMEN, — Miss Whitney, the eminent sculptor of Boston, has made a very beautiful marble bust of Hon. Samuel E. Sewall, of Melrose, for the Memorial Hall of Lexington, Mass.

It was the costly gift of a woman who was grateful to Mr. Sewall for the eminent service he had rendered to women during the last fifty years.

At my request she has made a copy of this bust in plaster, of which I beg your acceptance, hoping that you may regard it worthy of a place in the new reading-room of our public library.

The noble character of our townsman, the unflinching integrity of his long life, and the worth of the services he has rendered the community, have won him our gratitude and regard, and make him a model for our young men to emulate.

Respectfully and sincerely yours,

MARY A. LIVERMORE.

The bust stands on an elegant ebony pedestal, while the background of maroon velvet reveals the clear-cut and life-like lineaments of one who, in following steadfastly the promptings of duty, has won the confidence and esteem of men and women.

The gift is complete, appropriate and very acceptable.

During the same week, Mr. P. M. De Wolf presented a rare collection of Thanksgiving and Fast-day proclamations. Hon. Henry B. Peirce, our secretary of state, supplemented this collection by filling in the gaps, and adding those of former years, so that now we own a volume of which its duplicate is probably not in existence. It will be entitled "Proclamations : Thanksgiving and Fast Days, 1807–1885."

Our townsman Mr. Robert Burlen is now binding the collection in handsome shape as his part of the gift.

Major W. Irving Ellis has contributed a file of the National Tribune for 1885. This is a soldier's paper, giving

reminiscences of the war, and, especially, news from the various G.A.R. posts in the country. It is now being bound for the reading-room. This paper (on our list), full of war news, will be read with keen interest by the veterans of the army.

The last donation reported is from Mr. George Emerson, and consists of an oil painting of the "Joe Lynde Farm House," at Fells, by William Pearson, artist. The picture was painted in 1881, and gives a perfect view of the old white house as it used to look before the recent radical changes in this growing section of our town.

Mr. Pearson, the artist, a resident of Oak Grove for some years, took many sketches of the attractive scenery in and about Melrose, and the town is fortunate in becoming the owner of this picture.

The following list of magazines and papers will give a clear idea of the reading-room as an educational centre.

To our donors of books and papers we extend our sincere and hearty thanks.

- |                               |                                  |
|-------------------------------|----------------------------------|
| Edinburgh Review.             | Musical Herald.                  |
| British Quarterly.            | Cassell's Magazine of Art.       |
| Cornhill Magazine.            | Art Amateur.                     |
| The Spectator.                | American Naturalist.             |
| The Eclectic.                 | American Agriculturist (Illus.). |
| Chambers' Journal.            | Outing.                          |
| North American Review.        | St. Nicholas.                    |
| Atlantic Monthly.             | Harper's Young People.           |
| Littell's Living Age.         | Cottage Hearth.                  |
| The Chautauquan.              | Youth's Companion.               |
| Literary World.               | Chautauqua Magazine for Young    |
| Magazine of American History. | Folks.                           |
| Bay State Monthly.            | Woman's Journal.                 |
| Journal of Education.         | Our Message (W.C.T.U.).          |
| Harper's Magazine.            | The Nation.                      |
| The Century.                  | London Times (weekly).           |
| Overland Monthly.             | The Pilot.                       |
| English Illustrated Magazine  | Springfield Republican.          |
| Popular Science Monthly.      | New York Tribune.                |
| Science.                      | Cincinnati Commercial Gazette.   |
| English Mechanic Weekly.      | Chicago Inter-Ocean.             |

|                          |                                |
|--------------------------|--------------------------------|
| The Electrician.         | Alta California.               |
| The Scientific American. | Louisville Courier Journal.    |
| London Punch.            | Charlestown News and Courier.  |
| Illustrated London News. | The National Tribune (Illus.), |
| Harper's Weekly.         | G.A.R.                         |
| Harper's Bazaar.         | The Melrose Journal (all the   |
| <i>Die Gartenlaube.</i>  | local news).                   |

## GIFTS OF PAPERS AND MAGAZINES TO THE READING-ROOM.

|                             |   |                         |
|-----------------------------|---|-------------------------|
| Scientific American,        | } | William L. Williams.    |
| Youth's Companion,          |   |                         |
| North American Review,      |   |                         |
| Melrose Journal (2 copies), |   |                         |
| Journal of Commerce,        |   |                         |
| Journal of Education,       | } | H. E. Davidson.         |
| The Electrician,            |   |                         |
| Bay State Monthly,          |   |                         |
| The Dial,                   | } | George Lowell Austin.   |
| Atlantic Monthly,           |   |                         |
| Woman's Journal,            |   |                         |
| Our Message,                |   |                         |
| The Literary World,         |   |                         |
| Cottage Hearth,             |   | Mrs. Mary A. Livermore. |
|                             |   | Daniel Jefferson.       |
|                             |   | F. P. Shumway, Jr.      |

We annex the statistics for the year.

It will be noticed that the papers selected are representative of the life of the nation: New England, the Metropolis, the South, the Southwest, the Central States of Ohio and Illinois, and the Pacific Coast.

The magazines and periodicals embrace general literature, science and art. The old world and the new alike contribute to furnish a feast of good things. All, young and old, are welcome to partake.

## DONATIONS.

*Pamphlets.*

|                                            |   |   |   |     |
|--------------------------------------------|---|---|---|-----|
| Number of pamphlets reported last year     | . | . | . | 707 |
| Annual report of the Boston Public Library | . | . | . | 1   |
| " " " " Chicago " "                        | . | . | . | 1   |
| " " " " Holbrook " "                       | . | . | . | 1   |
| " " " " Lancaster " "                      | . | . | . | 1   |
| " " " " Malden " "                         | . | . | . | 1   |
| " " " " Manchester (N.H.) Public Library   |   |   |   | 1   |
| " " " " Newton " "                         |   |   |   | 1   |
| " " " " Watertown " "                      |   |   |   | 1   |
| " " " " Woburn " "                         |   |   |   | 1   |



|                                                                                  |     |
|----------------------------------------------------------------------------------|-----|
| History and Dedication of the Sawyer Free Library at Gloucester,                 | 1   |
| Chairs of New England Governors, Rev. E. F. Slater                               | 1   |
| The Indian Evangelical Review                                                    | 1   |
| Historical sketches of the Universities and Colleges of U.S.,<br>Dr. F. B. Hough | 1   |
| The Early Northern Lights in New England, S. A. Green                            | 1   |
| The Tuftonian                                                                    | 12  |
| Official Gazette of the U.S. Patent Office                                       | 62  |
| Number of pamphlets now in library                                               | 795 |

*Books.**Donors.*

|                                                                             |                        |
|-----------------------------------------------------------------------------|------------------------|
| Private Library of G. W. Ellison, Esq., 58 v.                               | G. W. Ellison.         |
| The Theatre                                                                 | J. W. Leeds.           |
| Melrose School Committee Report                                             | Rev. Clifton Fletcher. |
| Tenth Census of U.S., 4 v.                                                  | L. Z. Bowman.          |
| Woman Suffrage Defended                                                     | Rev. D. P. Livermore.  |
| Divine Law of Cure                                                          | Mrs. T. W. Ripley.     |
| Primitive Mind Cure                                                         | " " " "                |
| Prayer Book of Episcopal Church<br>of Confederate States,                   | W. L. Williams.        |
| List of persons whose names have been changed in Mass.                      |                        |
| Geneology of the Early Settlers of<br>New England and others,               | M. S. Page.            |
| Dedication of Crane Memorial Hall and<br>address of Chas. F. Adams, Quincy, |                        |

## STATISTICS FOR THE YEAR 1885.

|                                                     |       |
|-----------------------------------------------------|-------|
| Number of volumes in library January 1, 1885        | 5,905 |
| purchased this year                                 | 583   |
| donated " "                                         | 71    |
|                                                     | 654   |
| Number of volumes in library January 1, 1886        | 6,559 |
| Number of persons using library January 1, 1885     | 1,907 |
| cards issued this year                              | 311   |
| " relinquished                                      | 19    |
|                                                     | 292   |
| Number of persons using the library January 1, 1886 | 2,199 |
| Largest number of volumes issued in one day         | 499   |

|                                              |                      |        |
|----------------------------------------------|----------------------|--------|
| Smallest number of volumes issued in one day | (Stormy Monday.)     | 44     |
| Average                                      | “ “ “ “ on Mondays   | 91     |
| “                                            | “ “ “ “ on Saturdays | 365    |
| Whole                                        | “ “ “ “ in March     | 2,801  |
| “                                            | “ “ “ “ in May       | 2,614  |
| “                                            | “ “ “ “ in November  | 2,670  |
| “                                            | “ “ “ “ in December  | 2,581  |
| “                                            | “ “ “ “ this year    | 30,663 |
| Increase in circulation this year            |                      | 1,216  |
| Books replaced this year                     |                      | 73     |
| “ rebound “ “                                |                      | 465    |

The library has been open Wednesday and Saturday afternoons and evenings and Monday evenings, with the exception of the customary holidays.

Both the library and reading-room are under the care of

Miss Carrie M. Worthen, Librarian.

Miss Rose Silva,  
Miss Rose Gibbons,  
Miss Helen Eastman, } Assistants.

During 1886 it will be necessary to expend considerable money in the library room.

The ceiling, which is in a damaged condition from water, will need repairing and whitening. A new alcove for books must be built without delay, and proper accommodation made for pamphlets which are not in condition for general use.

The reading-room expenditure for periodicals, papers, assistant, janitor, &c., though now extremely reasonable, must necessarily increase from year to year in proportion to the growth of the town.

One of the problems which the citizens of Melrose must solve within a year or two is the erection of a public library building, either in the nature of a memorial hall, or otherwise, as may best serve public use.

Nothing conduces to the growth and perpetuity of free



institutions to so great a degree as the constant contemplation, by young and old, of the brave and patriotic deeds of their fathers, and, in the absence of any other monument to the soldiers who died in the war of the rebellion, nothing more fitting, it seems to me, could well be done than to erect a building which shall serve for all time as an inspiration and education both of heart and head.

For the year 1886 the trustees request an appropriation for the library and reading-room of seven hundred and fifty dollars and the dog tax.

Respectfully submitted in behalf of the Trustees,

CHARLES C. BARRY,

*Secretary.*

|                   |   |                  |
|-------------------|---|------------------|
| ELBRIDGE H. GOSS, | } | <i>Trustees.</i> |
| THOMAS B. PECK,   |   |                  |
| CHARLES C. BARRY, |   |                  |
| RUBY F. FARWELL,  |   |                  |
| HANNAH LYNDE,     |   |                  |



ANNUAL REPORT  
OF THE  
SCHOOL COMMITTEE  
OF THE  
TOWN OF MELROSE,  
FOR THE  
YEAR ENDING DECEMBER 31, 1885.

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MELROSE:  
PRINTED BY T. W. RIPLEY,  
1886.

# SCHOOL COMMITTEE.

1885—1886.

## ORGANIZATION.

|                     |   |   |   |   |   |   |                      |
|---------------------|---|---|---|---|---|---|----------------------|
| CLIFTON FLETCHER    | - | - | - | - | - | - | <i>Chairman.</i>     |
| MRS. S. W. BRADBURY | - | - | - | - | - | - | <i>Secretary.</i>    |
| MRS A. K. MILLER    | - | - | - | - | - | - | <i>Supply Agent.</i> |

## COMMITTEE.

|                     |   |   |   |   |              |       |
|---------------------|---|---|---|---|--------------|-------|
| THOMAS W. RIPLEY    | - | - | - | - | Term expires | 1887. |
| MRS. S. W. BRADBURY | - | - | - | - | " "          | 1887. |
| CLIFTON FLETCHER    | - | - | - | - | " "          | 1886. |
| MRS. J. G. ADAMS    | - | - | - | - | " "          | 1886. |
| S. R. WINCHELL      | - | - | - | - | " "          | 1888. |
| MRS. A. K. MILLER   | - | - | - | - | " "          | 1888. |

*School Funds and Expenses for 1885.*

*Estimated Expenses for Ensuing Year.*

•

## EXPENDITURES.

We are obliged to announce that the school appropriation has been exceeded by a few hundred dollars. A part of this deficit actually belonged to the previous year. At the first Board meeting in Jan., '85, bills that had been laid over were approved, amounting to nearly eight hundred dollars. But there were other causes for the present deficit. Among these was an underestimate of school supplies; only \$1,250 was judged necessary, and only that sum was appropriated for free text-books and all other school material. The actual amount paid out has been \$1,739.89. Another cause was the unexpected outlay for essential improvements, which had not been fully anticipated or provided for. Previous to the summer vacation, the sanitary condition of several school-buildings, especially the Centre, became exceedingly offensive. Vigorous measures were immediately taken to remedy the evil. At the Centre, the water-closets were removed from the basement and placed in a new building in the rear, with what is believed to be the best modern improvements. The expense, for which there was no appropriation, was a little less than \$500.

At the Vinton and Lynde Street buildings other sanitary improvements were made, amounting to \$300 or more. At the High-School building, the basement was recemented, the hard-wood finish in the halls, rooms, and stairways thoroughly oiled, and several other changes made; the whole cost was not far from \$300. For rent of school-room at the Fells, \$200 was expended; and for new furniture, repairs, expressing, and other items, various sums, amounting to several hundreds of dollars.

Some important things were necessarily left to be cared for during the incoming year. Among these, the painting of the Grove-Street School-house; concrete walks at the Franklin School; a new furnace, or other heating arrangement, at the Centre, and possibly elsewhere; better sanitary accommodations at the High School, and other usual outlays.

There will also be required new furniture for one or more school-rooms, and considerable expense on the steep walks and grounds at the new school-building at the Fells.

#### INCREASE OF PUPILS.

The maximum number in all our schools has been eleven hundred and sixty-one. Ten years ago, the maximum number was seven hundred and forty-two; an increase in the ten years of four hundred and nineteen, and of the last year seventy-four, or nearly enough for two new schools. Probably the whole number of children of lawful school age in our town at the present time is not far from twelve hundred. Some of these attend private schools, some little ones are taught at home, and perhaps a few, by reason of sickness, poverty, or the cupidity of parents, remain untaught. The maximum number in our High School, the past year, has been one hundred and fourteen,—a gain of six during the year, and of forty during ten years. At the end of the next ten years, it will doubtless number one hundred and fifty pupils, and the whole number of school children in the town be nearly two thousand. It is quite certain our Town cannot afford to do less than furnish the best facilities for all its educational interests.

#### TRUANCY.

In regard to truancy, there have been, as in years gone by, a few inveterate cases. Two boys, who proved to be wholly incurable,—leaders in desertion, falsehood, and mischief,—were brought before the Police Court at Malden, and sentenced to one and two years' service in the Reformatory School at Lowell. In that Institution they will not only be compelled to adopt habits of neatness, industry, and truthfulness, but to attend school a portion of each day. While we sympathize with the grief of the parents, we feel sure that the best good of the lads, as well as of the town, will be promoted by their remaining and working out the full term of



their sentences. The rough, rowdy, and dangerous element of society is the ripened product of bad boys. The only sure means of diminishing the number of future criminals is to take good care of wilful truants,—boys who want to loaf on the street day and night, and hang around places of bad resort. An ounce of prevention is a pound of wisdom.

#### PRINCIPALS.

During the year, certain changes and innovations have been introduced, with the hope of adding somewhat to the harmony and value of the school work. Experience alone will decide whether these innovations are beneficial or otherwise. One of these is the following: At a Board meeting it was moved and voted: "That in each school-building containing two or more schools the teacher of the highest grade be required to act as principal. That the duties of said principal shall consist in exercising a partial oversight, kind and judicious, of the work done in all the rooms; in seeing that proper order is maintained in halls, corridors, basements, and play-grounds; that janitors be properly informed in regard to any oversight or delinquency of duty; that, under continued neglect, complaint be promptly sent to the Committee; that all needed repairs of doors, locks, closets, seats, desks, etc., be reported to the proper sub-committee." The above regulations are designed to give a responsible head to each school-building, and harmonize in a greater degree the work of the different teachers.

#### HIGH-SCHOOL BUILDING.

The Board has always felt that the interior construction of this building was somewhat unfortunate. They do not believe, however, that any good can be accomplished by exaggerated, unjust, and heated criticisms. Putting aside all prejudice, it is but fair to say that the apartments on the first and second stories are not seriously objectionable. The rooms are large,

high-posted, and well ventilated. They have the sunlight a portion of every day. According to our latest architects, the large amount of northern light is no objection. Possibly, if the rooms were heated by steam, they might be more comfortable during the extreme cold days of winter. That is worthy of consideration. There is needed a small apartment conveniently fitted up and furnished for laboratory work in chemical and physical sciences ; also, a small library room for works on Botany, History, Geology, Astronomy, Physiology, and other kindred topics. Furthermore, under our present law of furnishing free text-books and other school supplies, there is needed a suitable room for the storing of these during vacations and other times. It is evident we must have larger accommodations in the near future. One of two things will be necessary : either to erect a new and spacious building, or remodel and somewhat enlarge the present one. If the last suggestion should be adopted, and the stairways be removed from the front side to suitable towers or projections on the north-east and north-west corners of the building, all needed accommodation would be obtained, including, we think, at least two new school-rooms. The expense would not probably exceed \$7,000 or \$8,000. This would obviate the necessity of a new school building at the Vinton Street, for the present. The two Primary Schools have very fair accommodation as they now are. We simply submit the above for the candid and intelligent consideration of the Town.

## FELLS.

At the Annual Meeting in March the sum of \$5,000 was voted to erect a school building in this growing section of our town. The following gentlemen were appointed Building Committee : John W. Farwell, John K. Robson, Royal P. Barry, Daniel Norton, and George H. Dearborn. It was hoped the building would be completed early in the autumn ; but the end of the year found it unfinished. However, this caused no serious embarrassment : the school

continues to occupy its pleasant room in the Chapel Building. It is just two years since this school was started. Miss Hannah Gibbons has been the kind and gentle teacher from the beginning. Commencing without previous experience, her skill and ability have been gradually increasing. The school is ungraded, embracing three or four different classes, and now numbers forty-nine pupils. We regret to note that the average attendance during the fall months has been extremely low. Why it was is not quite evident. Possibly it may have been the result of especial sickness, — possibly in part the faulty neglect of parents. It should be understood that no child, however bright, can ever become a good scholar who is permitted to be out of school a third or quarter part of the time.

#### STATE BOARD OF HEALTH.

Early in the summer, a communication was received from the State Board of Health, which was duly considered and placed on file. It was simply a printed copy of the recent State law in regard to contagious diseases among families where there are school children. For the more general information of parents, who are especially concerned, we deem it wise to insert in our present Report the law referred to. "The School Committee shall not allow any pupil to attend the public schools while any member of the household to which such pupil belongs is sick of small-pox, diphtheria, or scarlet fever ; or during two weeks after the death, recovery, or removal of such sick person ; and any pupil coming from such household shall be required to present to the teacher of the school the pupil desires to attend a certificate from the attending physician, or Board of Health, of the facts necessary to entitle him to admission, in accordance with the above regulation." This law was passed by the Legislature, and approved by the Governor, April 29, 1885.

## TEMPERATURE OF ROOMS.

A constant source of complaint during extreme cold weather is lack of sufficient heat in different school-rooms. These complaints frequently come from our latest and best constructed buildings. In some instances the fault is with defective or inadequate heating arrangements; in a few, because the building is old, or unwisely constructed; but, in many instances, we fear, the fault lies largely in the lack of proper attention, care, and vigilance of janitors. While, no doubt, they intend to be faithful and trustworthy, they may not always consider how much depends upon very early work in heating school-rooms on very cold mornings; the importance of having the fires built or replenished, while it may be necessary to carry a lantern in one hand and to stay by the furnace and school apartments, during the morning session, to give every proper attention, and to see that outside doors are kept constantly closed. In several instances, some of our schools have been dismissed soon after assembling in the morning, because the temperature was found to be less than 60 degrees. This makes a bad break in the school work. Possibly, if the fires had been built one hour earlier, some of those dismissals would have been avoided. The standard of heat in the Boston schools is 68 degrees. In our opinion it ought to be 70, permitting a variation of four or five degrees. Our teachers are now required to keep a record of the temperature of their rooms three times each day during the cold weather. The marking is to be near the beginning of the morning and afternoon sessions, and about eleven in the forenoon. These records are to be passed in to the Secretary at the end of each month. If there is great deficiency of heat at these hours in any room, the fault will be at once detected, and remedied if possible.

## SCHOOL-COMMITTEE ROOM.

At a regular Board Meeting held on the 9th of June, it was unanimously voted :—

“That we extend to the Trustees of the Public Library the privilege of using the School-Committee Room for the purpose of a public reading-room until the Town meeting in March, 1886, or until another suitable room is provided by the Town for the Committee,— provided such use does not materially interfere with the meetings of this Board, and other necessary school-work.”

This privilege was cordially accepted by the Trustees. During the autumn they very beautifully fitted up the room for its additional use. About the first of December it was opened for the inspection of the general public. We see no reason at present why the room, as now fitted and arranged, may not be used for a double educational work till something better is provided. We heartily accord, however, with the suggestion, that immediate measures be taken looking towards the erection of a memorial building for the Grand Army Post. On the first floor of such a building should be ample accommodation for the Public Library and reading-room. We hope to see such an edifice soon built by the enterprising spirit of our town.

#### MORE SCHOOL-ROOM NEEDED.

During the fall the number of primary pupils at the Vinton Street School increased far beyond the capacity of the primary room. About forty-five could be comfortably seated; but there were between seventy and eighty pupils. There were no accommodations for these elsewhere. The Committee sought long to find a place to open a new school; but no suitable room could possibly be found. Then it was proposed to move the old Highland-Street School-house down near the vicinity, and fit it up for the temporary use of the overflow; but, after thorough examination of different streets, it was found this could not be done without cutting down many valuable shade-trees. The Committee had neither the disposition nor the right to do this. In the mean time there continued a strong demand for a new



school. Those primary pupils, divided into two classes, were receiving only half-day rations ; that is, half-day schooling. This would seriously retard their promotion, and keep them back during their whole school-life.

As a final resort, it was decided to take an unoccupied room, and a portion of the adjoining hall (a portion which had never been used), in the upper story of the High-School building, for the new room. Of course there were nearly the same objections to this as there were, or are, to the First-Grammar rooms on the opposite side of the separating partition. This room was fitted up during the vacation of Christmas week. Be it remembered that the Committee can avail themselves of such rooms and facilities only as the town furnishes. It might be well for those who make bitter complaints to bear this in mind. The School Board is not responsible for a poor, ill-constructed building, or the lack of a suitable room at the time such a room is pressingly needed. Its responsibility is great, but not in this direction. It is responsible for the kind of teachers employed, the amount of salaries paid, and the kind of work done in the school-rooms. The Committee is also required by State law to see that all children between the ages of five and fifteen have some place, and attend some school at least twenty weeks during each year ; also, by recent enactment, that every pupil be provided with free text-books and all other necessary supplies.

#### HIGHLANDS FRANKLIN SCHOOLS.

The new building continues to give excellent satisfaction. Three of the large rooms are occupied, leaving one to be soon filled by the rapid increase of pupils. At the close of the year Miss Mendum had forty-seven pupils ; Miss Mitchell, 51 ; and Miss Randlette, 59. Each of these teachers has exhibited commendable zeal, fidelity, and enterprise. During the last month of the year Miss Hattie Lane was employed to assist Miss Randlette in her over-

crowded work : her services, while very helpful, will not be needed for many weeks. The Franklin Schools have been highly favored. The following note will explain itself :—

APRIL 14, 1885.

Having secured, by voluntary subscription on the part of the citizens of the Highlands, a piano for the use of the Franklin Schools, to be retained by said schools, I hereby place the instrument in the care of the School Board of Melrose, upon the above-named conditions, with the understanding that this statement be placed upon record.—MRS. ADAMS.

The charge was freely accepted, and a vote of thanks extended to Mrs. Adams and to the individual donors.

#### GROVE-STREET SCHOOLS.

Miss Barrett, of the Third Grammar, has forty-eight pupils ; Mrs. Bascom, of the Fourth Grammar, forty-nine ; Miss Guptil, of the Intermediate, forty-six ; and Miss Henry, of the Primary, fifty-three,—or one hundred ninety-six in all. These teachers have all been long proved, and never found wanting. In regard to the Intermediate School, it has had the misfortune of three changes of teachers during the year. If it has been somewhat hard to manage, this may in part account for it.

#### UPHAM STREET.

This school is of a mixed grade, and numbers at the end of the year thirty-one pupils. Mrs. Maria Hood is the present teacher, and has had long and valuable experience as a teacher elsewhere.

#### VINTON-STREET SCHOOLS.

Miss Alice H. Long, of the Intermediate, has had forty-three pupils, and Mrs. Lucy F. Dermot, of the Primary, seventy-five pupils. During the fall months, the last school was divided into two portions,—one attending school in the morning, and the other in the afternoon. This was not satisfactory to teacher, parents, or pupils. Near the end of the year, a new school was organized, with Miss Ransom, of



Wakefield, for teacher. She occupied the lower room, and Mrs. Dermot the upper room; while Miss Long and her school were transferred to a room fitted up in the High-School building. We scarcely need add that Miss Long, with more than eight years of experience, and Mrs. Dermot, with perhaps nearly the same, rank with our best teachers.

#### LYNDE-STREET SCHOOLS.

Miss Sweetser, of the Intermediate, has forty-three pupils. She has been the successful teacher of this school some over three years. Miss Nye, of the Primary, has thirty pupils. She came from Hingham, and entered upon her work here the first of last September, with excellent recommendations.

#### SECOND GRAMMAR SCHOOLS.

These have been concentrated at the High-School building, that they might be partially under the influence and supervision of the First Grammar School Principal. It was thought by doing this the pupils of both schools would be more equally fitted and qualified to enter upon their next grade of work. Miss Bisbee and Miss Swett, with many valuable years of experience, continue the wide-awake and vigorous teachers of these schools. They each have fifty-four pupils.

#### CENTRE SCHOOLS.

Miss Melcher, of the Third Grammar, has forty-eight pupils; Miss George, of the Fourth Grammar, forty-one; Miss Davis, of the Intermediate, forty-three; and Miss Donkin, of the Primary, sixty-two,—or one hundred and ninety-four in all. Each of these teachers has accomplished a faithful and praiseworthy work.

#### FIRST GRAMMAR SCHOOLS.

Miss Fairbanks happily continues the every-way efficient and highly prized Principal. Miss Bishop, who for three years was her valuable assistant, closed her school-

teaching at the end of the summer term. Miss Nellie H. Rogers, a teacher of marked ability, was elected her successor. She brought to her work valuable experience, refined culture, and warm enthusiasm. The fact that our First Grammar School is the end of education to a large number of our youth is a constant incentive to make it as thorough as possible. Whether it would be advisable to add another year to this grade, with some additional studies, is not as yet clearly manifest.

GRADUATES OF FIRST GRAMMAR SCHOOL.

*June 26, 1885.*

CHARLES H. ANDERSON.  
WILLIAM N. W. BARTLETT.  
HELEN L. BURR.  
MARY A. BUTTRICK.  
BERTHA M. CARRUTHERS.  
MARY F. CASEY.  
LILLIE A. CHANDLER.  
CARRIE B. COLLINS.  
FLORENCE A. A. CUSHING.  
AMBROSE C. DEARBORN.  
HELEN M. EASTMAN.  
BERTHOLD H. EHLERT.  
WILLIE C. GOSS.  
HOWARD C. FISKE.  
GEORGE HARRINGTON.  
FREDERICK L. HOFFMAN.  
GEORGE E. HURLEY.  
ACTIVE HUNTLEY.  
GEORGE H. KITCHING.  
EMMA L. LEIGHTON.  
LILLIE B. LITTLEFIELD.  
MELDON A. MERRILL.  
ALBERT H. MUNROE.

JOSHUA W. NEWHALL.  
WALTER H. NORRIS.  
OSCAR H. ORDWAY.  
FRANK E. ORCUTT.  
FRANK M. ORCUTT.  
MARY A. ORTON.  
EDWARD S. PAGE.  
ARTHUR A. PATTEN.  
HARRY C. PIERCE.  
ALBERT G. PULSIFER.  
HELEN M. PULSIFER.  
JOE G. SNELL.  
EDITH C. STEARNS.  
LESTER THAYER.  
HARRY L. TRIPP.  
HARRY W. VINTON.  
ALICE L. WHITE,  
LENNIE A. WHITE.  
GRACE C. WHITFORD.  
JULIAN C. WOODMAN.  
ANNIE M. WOODWARD.  
GRACE N. WORTH.  
GERTRUDE L. YOUNG.

## ORDER OF SCHOOL EXERCISES.

February, 1886.

## MONDAY, A. M.

*Principal's Room.*

1st half-hour, Spelling, Study.  
 2d " 1st Division, Arithmetic.  
 3d " 2d " Arithmetic.  
 4th " 1st " Composition.  
 5th " 2d " Composition.

*Assistant's Room.*

2d Division, Punctuation.  
 1st " Punctuation.  
 2d " Penmanship.  
 1st " Penmanship.

## P. M.

1st half-hour, Study, Music.  
 2d " 2d Division, Reading.  
 3d " Calisthenics, Study.  
 4th " 1st Division, Reading.

1st Division, History.  
 2d Division, History.

## TUESDAY, A. M.

1st half-hour, Spelling, Study.  
 2d " 1st Division, Arithmetic.  
 3d " 2d " Arithmetic.  
 4th " 1st " English Grammar.  
 5th " 2d " English Grammar.

2d Division, Physiology.  
 1st " Physiology.  
 2d " Drawing.  
 1st " Drawing.

## P. M.

1st half-hour, Study, Music.  
 2d " 2d Division, Reading.  
 3d " Calisthenics, Study.  
 4th " 1st Division, Reading.

1st Division, History.  
 2d Division, History.

## WEDNESDAY, A. M.

1st half-hour, Spelling, Study.  
 2d " 1st Division, Arithmetic.  
 3d " 2d " Arithmetic.  
 4th " 1st " English Grammar.  
 5th " 2d " English Grammar.

2d Division, Physiology.  
 1st " Physiology.  
 2d " Penmanship.  
 1st " Penmanship.

## P. M.

1st half-hour, Study, Music.  
 2d " 2d Division, Reading.  
 3d " Calisthenics, Study.  
 4th " 1st Division, Reading.

1st Division, History.  
 2d Division, History.

## THURSDAY, A. M.

|                |                          |                                 |
|----------------|--------------------------|---------------------------------|
| 1st half-hour, | Study, 1st Div., Arit.   | Study, 2d Division, Physiology. |
| 2d "           | 2d Division, Arithmetic. | 1st " Physiology.               |
| 3d "           | 1st " English Grammar.   | 2d " Drawing.                   |
| 4th "          | 2d " English Grammar.    | 1st " Drawing.                  |
| 5th "          | Music.                   |                                 |

## P. M.

|                |                        |                        |
|----------------|------------------------|------------------------|
| 1st half-hour, | Study.                 |                        |
| 2d "           | 2d Division, Reading.  | 1st Division, History. |
| 3d "           | Study.                 |                        |
| 4th "          | 1st Division, Reading. | 2d Division, History.  |

## FRIDAY, A. M.

|                |                           |                         |
|----------------|---------------------------|-------------------------|
| 1st half-hour, | Spelling, Study.          |                         |
| 2d "           | 1st Division, Arithmetic. | * 2d Division, History. |
| 3d "           | 2d " Arithmetic.          | 1st " History.          |
| 4th "          | 1st " English Grammar.    | 2d " Penmanship.        |
| 5th "          | 2d " English Grammar.     | 1st " Penmanship.       |

## P. M.

|                |                            |
|----------------|----------------------------|
| 1st half-hour, | Music.                     |
| 2d "           | Declamation.               |
| 3d "           | Calisthenics, Composition. |
| 4th "          | Composition.               |

## HIGH SCHOOL.

Mr. Whitman, the Principal, has had unusual responsibility and watchful anxiety during the past year. Few persons unacquainted with the task of firmly controlling and inspiring a hundred pupils of mature age, so as to get the best possible work from each dull or indolent pupil, can realize the constant strain upon the mental and physical system. No wonder there have been times when his health has nearly broken down, and a week of rest and change seemed imperatively needed. The resignation of Miss Bugbee, just previous to the opening year, was no ordinary loss. She was a teacher of long experience, of perfect health, of strong intellect, and of thorough scholarship: all this fitted her to be, as she was, a presiding queen in the school-room. If the Principal was unavoidably absent for a few hours, the quiet order,

the good discipline, and the earnest work went on just the same. The resignation of Miss Bugbee was felt all the more, occurring, as it did, when Miss Clarke, the other valuable assistant, had gone home (as it soon proved) to die. After mature deliberation, the persons elected to fill the places of the above teachers were Miss Clarimond Mansfield and Miss Hattie Ricker, both of Melrose. Miss Mansfield was a graduate of our High School and of Boston University. She stood high as a scholar, especially in languages, and was remarkably winning in her deportment. Miss Ricker was a lady of fine culture, had taught for several years in connection with her father, who for some time was Principal of Fryeburg Academy, Maine.

The Committee fully believe that the election of these ladies to their important positions will prove more and more to have been a wise choice. A year's experience has already made them stronger as teachers, and better qualified for their work.

# ORDER OF EXERCISES, HIGH SCHOOL GRADUATING CLASS,

Town Hall, Friday Evening, June 26th, 1885.

## PART I.

|                                                     |                     |
|-----------------------------------------------------|---------------------|
| CHORUS AND SOLO: "Now Tramp o'er Moss and Fell."    | MISS COCHRANE.      |
| SALUTATORY: "Employment" - - - -                    | MYRTIE J. BOWKER.   |
| ESSAY: "Insects." - - - - -                         | EDMOND E. FERNALD.  |
| CLASS PROPHECY. - - - - -                           | MILLIE T. DOWLING.  |
| DECLAMATION: "Napoleon Bonaparte." - -              | EDWARD L. CRAGIN.   |
| RECITATION: "The Hero of the Tower." - -            | MARY E. COCHRANE.   |
| QUARTETTE: "The Whippoorwill's Song." - - - - -     |                     |
| MASTERS HUNT AND CLEVELAND. MISSES CASS AND BOWKER. |                     |
| RECITATION: "Mother and Poet." - - -                | GERTRUDE M. GOSS.   |
| ESSAY: "Memorial Edifices." - - - -                 | LIZZIE F. STRATTON. |
| ESSAY: "Character." - - - - -                       | MARY M. DEMPSEY.    |
| DECLAMATION: "Toussaint L'Ouverture." -             | FRANKLIN C. ALBEE.  |

## PART II.

|                                                      |                       |
|------------------------------------------------------|-----------------------|
| ESSAY: "The High after the Grammar School." -        | GARDNER I. JONES.     |
| ESSAY: "Sources of History." - - -                   | NELLIE OSGOOD FRENCH. |
| CHORUS AND QUARTETTE: "In Mercy Remember." - - - -   |                       |
| MASTERS CLEVELAND AND BEALE. MISSES BOWKER AND CASS. |                       |
| ESSAY: "Improvement of our Time." - - -              | SARAH W. DEMPSEY.     |
| ESSAY: "Lives of Great Men." - - - -                 | LEWIS H. KUNHARDT.    |
| ESSAY: "Little Things." - - - - -                    | M. LIZZIE BOWKER.     |
| ESSAY: "English Literature." - - - - -               | MINNIE W. CASS.       |
| ESSAY: "American Immigration." - - - -               | HARRY H. HUNT.        |
| VALEDICTORY: "Monopoly." - - - -                     | WILBUR F. BEALE.      |
| CLASS SONG: "Good-Morrow."                           |                       |

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AWARDING DIPLOMAS.

*Prizes for 1885.*

## FRANKLIN FRATERNITY.

The following scholars were selected to compete for the mathematical prizes : —

WILBUR F. BEALE.

HARRY H. HUNT.

GARDNER I. JONES.

MARION K. NORRIS.

CARRIE D. VINTON.

GEORGE H. HARDY.

ARTHUR L. JACOBS.

DAVID ROSS LECRAW.

WM. H. WOODMAN.

CALLIE H. HAYWARD.

EDWARD T. BLANCHARD.

EDWARD H. CROSBY.

HATTIE P. FIELD.

HELEN I. GORDON.

BLANCHE S. JACOBS.

ALBERT M. FRENCH.

EDWARD P. T. PHILLIPS.

## MATHEMATICAL.

Prizes were awarded as follows : —

For excellence in Geometry,

To ARTHUR L. JACOBS.

For excellence in Algebra,

To EDWIN H. CROSBY.

The following subjects were selected by the Franklin Fraternity for prizes in English Literature and Composition.

## SNOWBOUND.

1. A New England winter as pictured by Whittier.
2. What are the literary merits of Snowbound ?
3. What are the peculiarities of Whittier's style ?

## MERCHANT OF VENICE.

1. The History of the Play and the Sources of the Plot.
2. Wherein is the genius of Shakespeare manifested in this play ?
3. What are the dramatic excellences of the play ?
4. The character of Shylock, the character of Antonio, or the character of Portia.



Literary prizes were awarded :—

*First*, to MILLIE T. DOWLING.

*Second*, to M. LIZZIE BOWKER.

*Third*, to ALMA L. FIELD.

*Committee of Award*, { MESSRS. THOMAS B. PECK.  
                                  { SIDNEY BUTTRICK.  
                                  { CHARLES C. BARRY.

A prize of \$5 for excellence in Natural History, offered by MR. J. O. NORRIS, was awarded to EDMOND E. FERNALD; an additional prize of \$3, offered by A. G. WHITMAN, was awarded to GEO. E. FERN.

A prize in English Composition, by Rev. A. G. BALE, was awarded to MINNIE W. CASS and ALFRED D. WOODMAN.

#### MUSIC.

The matter of having the first principles of Music thoroughly taught in our public schools is one of increasing importance. It is now generally conceded that all children are capable of acquiring, to a greater or less degree of proficiency, a practical knowledge of musical science. The question is, How shall this science be taught? What method shall be employed? Of recent date a large number of cities and towns, especially in the Western part of our country, have adopted what is called the "Tonic-Sol-Fa" system. At several meetings of our Board this system was thoroughly discussed. Mr. Whiting, who had been the music teacher of our public schools for six consecutive years under the old method, owing to increasing defectiveness of hearing, failed to be re-elected. At the same time he received a hearty vote of thanks for his past energetic and faithful services. The way was thus opened for a practical experiment. Prof. Henry Benson, of Boston, a teacher of the "Tonic-Sol-Fa" system in the Chauncy-Hall School, was invited to take a class of our children, and give an exhibit, both of his skill and method, before the School Board. As a final result, he was elected music teacher. So far we believe there has been good satisfaction.

## DISCIPLINE.

One of the first requisites of a good school is good discipline. This must be had, not by measures of undue severity, but by a careful system of order, kindly and firmly enforced. As a whole, we think our schools have been remarkably well governed. A few teachers have found it necessary, in extreme cases, to resort to the old remedy of corporal punishment. These cases have been immediately reported to the Chairman.

## SUPERVISION OF SCHOOLS.

Our report will not be deemed complete without some reference to this annual topic. We think, however, the subject has been so ably treated, in the several valuable articles which have recently appeared in our local paper, that nothing further need be said. We may briefly add, however, that at the earliest moment the Town may deem it wise to employ an able and competent Superintendent the School Board will cordially and unitedly give its support and influence. We shall wait with deep interest to see the final action of our State Legislature upon the recommendation of our Governor in regard to School Supervision. In the mean time, under our present system, a more just and liberal compensation would ensure a more careful and adequate work on the part of the Committee. There is so great an increase in the number of our schools and school buildings, entailing a corresponding increase of work, care, and oversight, that what was a fair compensation ten years ago may be regarded now in a very different light.

CLIFTON FLETCHER,

*Chairman.*



# APPENDIX.

## CORPS OF TEACHERS.

| NAMES.                     | SCHOOLS.                                          | DATE OF ELECTION.    | SALARIES. |
|----------------------------|---------------------------------------------------|----------------------|-----------|
| A. G. Whitman .....        | High, Principal.....                              | November, 1874.....  | \$1,700   |
| Clarimond Mansfield.....   | High, First Assistant.....                        | December, 1884.....  | 600       |
| Hattie Ricker.....         | High, Second Assistant .....                      | January, 1884.....   | 550       |
| Harriett C. Fairbanks..... | First Grammar, Principal...                       | November, 1880 ..... | 800       |
| Nellie H. Rogers.....      | First Grammar, Assistant...                       | June, 1885.....      | 500       |
| Lucy W. Bisbee.....        | Sec. Gram.No.1,Emerson St.                        | May, 1867.....       | 550       |
| Alice Maud Swett.....      | Sec. Gram.No.2,Emerson St.                        | December, 1882.....  | 550       |
| Susan D. Melcher.....      | Third Gram., Centre School.                       | May, 1873.....       | 550       |
| Helen J. Barrett.....      | ThirdjGram., Grove St.....                        | December, 1882 ..... | 550       |
| Lydia Mendum.....          | Third and Fourth Grammar,<br>Franklin School..... | November, 1874.....  | 525       |
| Mary J. George.....        | Fourth Gram., Cent. School.                       | May, 1880.....       | 500       |
| Kate W. Bascom.....        | Fourth Grammar, Grove St.                         | September, 1878....  | 500       |
| Maria P. Hood .....        | Upham Street (mixed).....                         | December, 1885....   | 450       |
| Alma J. Guptil.....        | Intermediate, Grove St.....                       | December, 1884.....  | 450       |
| Alice H. Long.....         | Intermediate, Vinton St....                       | September, 1877....  | 500       |
| Effie C. Sweetser.....     | Intermediate, Lynde St....                        | September, 1882....  | 450       |
| Lillie J. Davis .....      | Intermediate, Franklin St...                      | September, 1884....  | 450       |
| Belle Mitchell.....        | Intermediate, Franklin St...                      | September, 1883....  | 450       |
| Ella M. Donklin.....       | Primary, Centre School....                        | April, 1885.....     | 450       |
| Lucy F. Dermot.....        | Primary, Vinton St.....                           | April, 1880.....     | 500       |
| M. E. Nye.....             | Primary, Lynde St .....                           | August, 1885.....    | 450       |
| Emma L. Randlette.....     | Primary, Franklin St.....                         | September, 1884....  | 450       |
| Hattie Lane.....           | Primary, Franklin St., Ass't.                     | December, 1885.....  | 200       |
| Hannah Gibbons.....        | Converse, Fells (mixed)....                       | December, 1883....   | 450       |
| Henry Benson.....          | Music Teacher.....                                | June, 1885.....      | 350       |

## JANITORS.

|                       |                                | Salaries. |
|-----------------------|--------------------------------|-----------|
| High School Building, | Frank McLaughlin . . . . .     | \$300     |
| Centre School “       | Charles T. Stevens . . . . .   | 175       |
| Franklin School “     | Charles H. Fuller . . . . .    | 150       |
| Grove Street “        | Charles F. Valentine . . . . . | 175       |
| Lynde Street “        | Wm. F. Serratt . . . . .       | 100       |
| Vinton Street “       | Anthony A. Rich . . . . .      | 100       |
| Upham Street “        | Eri Upham . . . . .            | 60        |
| Fells School “        | Joseph Emerson. . . . .        | 60        |
|                       |                                | \$1,110   |

## TRUANT OFFICERS.

|                   |                     |                    |
|-------------------|---------------------|--------------------|
| Frank McLaughlin. | Charles T. Stevens. | Charles H. Fuller. |
|-------------------|---------------------|--------------------|

*Table of Statistics for the Year ending December 31, 1885.*

| SCHOOLS.                   | Maximum number from Jan. 1 to July 1. | Average attendance during same time. | Maximum number from Sept. 1 to Dec. 31. | Average attendance during same time. | Number of Pupils, Jan. 1, 1886. | Per cent. of attendance for the year. | Average age Dec. 31, 1885. |      |
|----------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|--------------------------------------|---------------------------------|---------------------------------------|----------------------------|------|
|                            |                                       |                                      |                                         |                                      |                                 |                                       | Yrs.                       | Mos. |
| HIGH, First Class.....     | 17                                    | 16.7                                 | 17                                      | 16.4                                 | 16                              | 96.4                                  | 17                         | 8    |
| Second Class.....          | 9                                     | 8.7                                  | 20                                      | 19.                                  | 18                              | 95.3                                  | 16                         | 11   |
| Third Class.....           | 36                                    | 34.4                                 | 31                                      | 30.                                  | 30                              | 96.1                                  | 15                         | 10   |
| Fourth Class.....          | 40                                    | 38.5                                 | 46                                      | 44.7                                 | 44                              | 96.6                                  | 14                         | 11   |
| Totals.....                | 102                                   | 93.3                                 | 114                                     | 110.1                                | 108                             | 96.1                                  | 15                         | 10   |
| First Grammar.....         | 72                                    | 65.3                                 | 84                                      | 77.4                                 | 80                              | 94.                                   | 14                         | 9    |
| 2d " No. 1.....            | 45                                    | 41.5                                 | 55                                      | 49.5                                 | 54                              | 93.4                                  | 13                         | 9    |
| 2d " No. 2.....            | 50                                    | 43.                                  | 54                                      | 50.5                                 | 54                              | 94.                                   | 13                         | 6    |
| 3d " Centre, No. 1         | 49                                    | 45.6                                 | 52                                      | 47.4                                 | 48                              | 95.4                                  | 12                         | 4    |
| 3d " Grove St., No. 2      | 49                                    | 40.9                                 | 54                                      | 46.3                                 | 48                              | 92.7                                  | 12                         | 5    |
| 3d, 4th " Mixed, Franklin  | 60                                    | 46.                                  | 50                                      | 42.2                                 | 47                              | 91.9                                  | 12                         | 2    |
| 4th " Grove St., No. 1     | 49                                    | 42.4                                 | 50                                      | 44.                                  | 49                              | 94.                                   | 11                         | 4    |
| 4th " Centre, No. 2        | 43                                    | 37.                                  | 42                                      | 40.                                  | 41                              | 95.5                                  | 10                         | 4    |
| Intermediate, Lynde St.... | 39                                    | 30.9                                 | 36                                      | 28.7                                 | 36                              | 91.4                                  | 9                          | 4    |
| " Grove Street.            | 43                                    | 32.4                                 | 51                                      | 40.4                                 | 46                              | 85.9                                  | 9                          | 4    |
| " Centre.....              | 42                                    | 38.2                                 | 43                                      | 37.1                                 | 43                              | 88.5                                  | 9                          | 5    |
| " Vinton St....            | 43                                    | 39.5                                 | 41                                      | 34.3                                 | 36                              | 94.7                                  | 9                          | 6    |
| " Franklin St.             | 45                                    | 35.7                                 | 53                                      | 44.7                                 | 51                              | 90.5                                  | 9                          | 4    |
| Primary, Centre.....       | 59                                    | 45.2                                 | 62                                      | 50.6                                 | 62                              | 89.7                                  | 7                          | 1    |
| " Grove Street.....        | 57                                    | 47.5                                 | 57                                      | 45.2                                 | 53                              | 89.9                                  | 6                          | 6    |
| " Vinton Street....        | 67                                    | 52.                                  | 75                                      | 66.                                  | 73                              | 89.5                                  | 6                          | 9    |
| " Lynde Street....         | 31                                    | 28.                                  | 32                                      | 22.                                  | 30                              | 91.                                   | 7                          | 4    |
| " Franklin St.....         | 51                                    | 35.                                  | 67                                      | 56.5                                 | 59                              | 91.5                                  | 7                          | 0    |
| Mixed, Upham Street.....   | 39                                    | 25.1                                 | 33                                      | 27.5                                 | 31                              | 83.5                                  | 8                          | 2    |
| " Fells.....               | 49                                    | 32.5                                 | 56                                      | 35.4                                 | 49                              | 85.                                   | 9                          | 1    |
| Aggregate.....             | 982                                   |                                      | 1161                                    |                                      | 1098                            |                                       |                            |      |

## SCHOOL AGENCY.

We take pleasure in presenting the very clear and concise Report of Mrs. A. K. Miller, the careful buyer and dispenser of all our School Supplies. It will be of interest to all.

## AGENT'S REPORT.

The following report of all School Supplies received, issued, and on hand, from Jan. 1st, 1885, to Jan. 1st, 1886, is respectfully submitted :—

*Dr.*

|                                                                                                        |            |
|--------------------------------------------------------------------------------------------------------|------------|
| Value of Text-Books in stock, for High School, Jan. 1st, 1885 . . . . .                                | \$39 18    |
| Text-Books purchased for High School from Jan. 1st, to Dec. 31st, 1885 . . . . .                       | 398 72     |
| Other Supplies purchased, including Drawing and Blank Books, Chemicals, Stationery, &c. . . . .        | 114 69     |
|                                                                                                        | <hr/>      |
|                                                                                                        | \$552 59   |
| Value of Text-Books in stock for Grammar and other schools, Jan. 1, 1885 . . . . .                     | 100 99     |
| Text-Books purchased for Grammar and other schools, . . . . .                                          | 657 75     |
| Supplies other than Text-Books on hand Jan. 1st, 1885 . . . . .                                        | 184 58     |
| Supplies purchased, including Drawing, Writing, and Blank Books, Slates, Maps, Stationery, &c. . . . . | 503 79     |
|                                                                                                        | <hr/>      |
| Total to be accounted for . . . . .                                                                    | \$1,999 70 |

*Cr.*

|                                                                                      |            |
|--------------------------------------------------------------------------------------|------------|
| Value of Text-Books issued to High School from Jan. 1st to Dec. 31st, 1885 . . . . . | \$393 99   |
| Other Supplies issued . . . . .                                                      | 114 69     |
| Value of Text-Books in stock Jan. 1st, 1886 . . . . .                                | 43 91      |
|                                                                                      | <hr/>      |
|                                                                                      | \$552 59   |
| Value of Text-Books issued to Grammar and other schools . . . . .                    | 686 45     |
| Other Supplies issued . . . . .                                                      | 544 76     |
| Value of Text-Books in stock Jan. 1st, 1886 . . . . .                                | 72 29      |
| Value of other Supplies in stock Jan. 1st, 1886 . . . . .                            | 143 61     |
|                                                                                      | <hr/>      |
|                                                                                      | \$1,999 70 |



|                                                     |            |
|-----------------------------------------------------|------------|
| Value of all Supplies in stock Jan. 1st, 1886 . . . | \$259 81   |
| Total expenditure . . . . .                         | \$1,739 89 |
| Received for Books injured or lost, . . .           | \$4 78     |
| Paid Town Treasurer . . . . .                       | 4 78       |

A. K. MILLER.

By request of the School Board, I have examined the books and accounts of Mrs. A. K. Miller, our Agent for School Supplies, and find the accounts correct, and the books kept in a methodical manner. — T. W. RIPLEY.

## SPECIAL COMMITTEES FOR THE SEVERAL SCHOOLS.

| SCHOOLS.                            | COMMITTEE.                             |
|-------------------------------------|----------------------------------------|
| High . . . . .                      | Mrs. Miller, Mrs. Adams, Mr. Fletcher. |
| First-Grammar . . . . .             | “ Adams, “ Fletcher.                   |
| Second & Third Grammar, Emerson St. | “ Miller, “ Ripley.                    |
| Schools of Centre Building . . .    | “ Miller, “ Winchell.                  |
| “ “ Grove St. . . . .               | “ Bradbury, “ Fletcher.                |
| “ “ Franklin . . . . .              | “ Adams, “ Ripley.                     |
| “ “ Lynde St. . . . .               | “ Bradbury, “ Winchell.                |
| “ “ Vinton St. . . . .              | “ Adams, “ Ripley.                     |
| Converse School . . . . .           | “ Bradbury, “ Winchell.                |
| Upham St. School . . . . .          | Mr. Fletcher, “ Winchell.              |

Supply-day for schools, every day during first week of fall term, at 11 A. M., and each Tuesday during the rest of the school year.

Regular meeting of School Board, second and fourth Tuesdays of each month, at 4.30 P. M.

## SCHOOL PROPERTY.

We believe it will interest many citizens to have put on record the following information in regard to the school property of Melrose. We regret we have not been able to make it as complete as we desire :—

The High School-house was built in 1868-9, at a cost of \$23,500. The lot of land, containing 30,000 feet, was bought of D. L. and J. G. Webster for \$4,000 ; land and building, \$27,500. The Building Committee were Rufus Smith, C. W. Isburg, D. W. Gooch, W. P. Sargent, Walter Babb, Geo. A. Mansfield, and Geo. Newhall. The architect was G. F. Meacham, and the builder C. M. Currier.



The Centre School-house was built, in 1874, on the spot where a former one had recently been burned, on which was fortunately an insurance of \$3,000. The new building cost \$10,000. The committee were Geo. A. Mansfield, H. I. Ellis, and J. O. Norris. The builder was Joel Atwood, and the architect a Mr. Stevens of Wakefield. The lot of land contains 21,000 feet, and was bought, in 1829, of William Dix for the sum of \$50.

The Grove-Street School-house was built in 1883 on the corner of Grove and Myrtle Streets, and cost \$8,500. The lot contains 26,361 feet, was bought of Mr. John Rounds for about five cents a foot. The land and grading cost \$2,270; building, land, and grading, \$10,770. The Building Committee were Daniel Norton, John O. Norris, Julius S. Clark, W. Irving Ellis, and Dexter Pratt. The architect was Rev. Albert Bale, and the builder Mr. Eugene Upham.

The Franklin School-house, on Franklin Street, was built in 1884, and cost \$8,200. The lot of land, containing 15,000 feet, was bought of Dexter Pratt, at five cents a foot, amounting to \$750; grading and blinds, about \$250: total cost, \$9,200. The Building Committee were Joel Snow, Rufus A. White, W. Irving Ellis, and T. W. Ripley. The architect was Jos. Eastman, and the builders Ellenwood and McDonald.

The Converse School-house was built in 1885, and cost \$5,000. The lot contains 21,117 feet, and was given by the Boston Rubber Company. Probably an extra appropriation will be required to properly grade the grounds. The Building Committee were J. W. Farwell, Royal P. Barry, J. K. Robson, G. H. Dearborn, and Daniel Norton; the builders, Ingalls Brothers; and the architect, A. W. Rodman.

The Green, Lynde, and Vinton School buildings were erected in 1853, and the lower rooms finished the same year. They are all of the same pattern, size, and construction, and cost, when fully completed, about \$1,600 each.

The lot of land for the Green-Street house contains one-half acre of land, and was bought of Rev. J. C. Ingalls for

\$500. The lot of land for the Vinton-Street house contains 11,420 feet, and was bought of James Martin for \$571. The lot of land for the Lynde-Street house contains, we presume, about 12,000 feet, and probably cost not far from \$500.

The Upham-Street School-house was built in 1855. We do not know its cost. The lot of land, some less than one-half acre, was bought of Mr. Heckle for \$187.50. The old Highland School-house, about the same size as the last, was built about the same time, at about the same cost.

#### BOUNDARIES.

The High School and First and Second Grammar grades, being all in one building, receive pupils from all parts of the town.

For the Primary and Intermediate grades, the Highland district includes all north of Judge Sewall's estate, Crystal Lake, Short Street, and Porter Street. Pupils living on Main Street south of Melrose or Short Streets are included in the Centre-School district.

The Upham-School district is bounded north by Porter Street, west by Bellevue Ave., Fourth Street, and Sixth Street, to Swain's Pond.

The Lynde-School district is bounded by Dell Ave. from Grove Street to First Street; thence east to Fourth Street, south to Grove, east to Sixth, west to Main, and south to the Fells district.

The Grove-School district lies between the railroad on the west and Main Street on the east, as far north as Foster Street; thence west to Myrtle, north to Vine, west to the railroad, and south to Fells district.

The Centre-School district is bounded on the south and west by the Lynde-School district and the Grove-School district, extending from Vine Street north, along the railroad, to the Highland district. It is bounded on the north by the Highland district, and east by the Upham-School district.

The Vinton-School district includes all that section of the town west of the railroad, south of the Highlands, and north of the Fells.

The Fells-School district includes all south of the Medford line and Sylvan Street.

The Third and Fourth Grammar grades at the Highlands have the same boundaries as the Primary and Intermediate grades of the same district. Those at the Centre School include the Upham and Centre Primary districts, and on the west side of the track all north of Emerson Street to the Highlands.

## SCHOOL REGULATIONS.

## ORGANIZATION.

1. The Committee shall meet for organization on the first Tuesday following the Town Meeting in March.

2. At the first meeting of the Board, a Chairman and a Secretary shall be chosen by ballot.

3. The Chairman elected shall nominate, for election by the Board, at the meeting for organization each year, committees of three members each, as follows: a High-School Committee, three District Committees (one for each of the three districts), a Committee on Text-books and Course of Study, and a Committee on Accounts.

4. The first-named member of each Committee shall be its Chairman.

5. The High-School Committee shall consist of one member from each of the District Committees.

6. The districts shall be named and bounded as follows:

(a) *The Wyoming District*, including the territory south of Upham, Foster (west), Vine, and Emerson Streets, as specified in the schedule of boundaries for Grammar Schools.

(b) *The Centre District*, including the centre portion of the town, described as belonging to the Centre School, in the schedule of boundaries for Grammar grades. (c) *The Highland District*, as described in the schedule of boundaries for the Franklin School.

## MEETINGS OF THE BOARD.

7. Regular meetings of the Board shall be held on the second and fourth Tuesday of each month, excepting July and August.

8. The Chairman shall call a special meeting of the Board whenever he may deem it necessary, or at the request of any two members.

9. The Secretary shall give notice, to the members elected at the annual Town-Meeting, of the time of meeting for reorganization.

## DUTIES OF SUB-COMMITTEES.

10. The three District Committees shall have the immediate direction of the schools in their respective districts, and shall visit them as often as practicable. It shall be their duty to give advice to the teachers of their respective schools relative to discipline and other subjects requiring counsel; and, in case of any difficulty between the teachers and the parents or guardian of the pupils, they shall settle the same in such manner as the merits of the case may seem to require; not denying any parent, guardian, or teacher an appeal to the whole Board. When the office of teacher in any school shall become vacant, they shall, as soon as possible, fill such vacancy temporarily, and report their doings to the whole Board at its next meeting, for its approval.

11. The Text-book Committee shall recommend to the Board such books as they may think necessary for the schools; and no book shall be adopted by the Board, to be used as a text-book in the schools, unless the same shall previously have been reported on by this Committee.

12. The Committee on Accounts shall examine all bills authorized by the Board, and report the same to the Board for final action. They shall also present to the Board, at or before the first meeting in February, annually, an estimate of the expenses of the public schools for the next fiscal year.

## ORDER OF BUSINESS.

13 At the appointed hour the Chairman shall call the meeting to order, and cause the record of attendance to be taken. In the absence of the Chairman, the Secretary shall preside until a Chairman *pro tempore* shall have been elected. Business shall proceed in the following order:—

1. Reading the Minutes of last meeting.
2. Unfinished Business of preceding meeting.
3. Reports of Committees.
4. Miscellaneous business. (Under this head the allowance of bills shall be first attended to.)

## APPOINTMENT OF TEACHERS.

14. Teachers shall be appointed and their salaries voted annually at the first meeting in June; the school year beginning the first Monday in September.

15. Teachers shall be paid monthly during the school year.

## TIME FOR SCHOOL SESSIONS.

16. The school-year shall consist of forty weeks, beginning the first Monday in September.

17. The following holidays and vacations shall be granted: Every Saturday, New Year's Day, June 17th, and all legal holidays, and no other day unless by written permission of the Chairman of the School Committee.

*Vacations.* The week following Christmas; the Friday after Thanksgiving; one week, including the 22d of February; one week, beginning the fourth Monday in April; from close of summer term to first Monday in September.

18. The daily session of the High School shall begin at 8 o'clock A. M., and close at 1 o'clock P. M.; except during the months of October, November, December, January, and February, when it shall begin at 8.30 A. M. and close at 1.30 P. M. There shall be two recesses,—one of twenty minutes, the other of ten minutes.

The hours for keeping school, except the High School, shall be from 9 o'clock A. M. until 12 M., with a recess of twenty minutes (except in the Grammar grades at the High-School building), and from 2 P. M. until 4 P. M. The Grammar grades at the High-School building shall have no recess in the forenoon, and the session shall close at 11.40 A. M. The afternoon session shall begin at 1.40, and close at 3.40, during November, December, and January. No variation from these hours shall be allowed without the express permission of the Committee.

19. In case of stormy weather, when, in the judgment of the Committee, it shall be thought proper to omit the



forenoon or afternoon session, the bell will be rung half an hour before the opening, for the High School and lower grades, separately.

#### DUTIES OF TEACHERS.

20. The school-house and outbuildings, with their keys, furniture, grounds, and all other property belonging to the school, shall be in charge of the Principal, who will be held responsible for their preservation.

21. Teachers shall be in their school-rooms fifteen minutes before the opening of the schools, admitting pupils, beginning promptly at the hours specified.

22. Teachers shall hear all recitations.

23. Teachers are not to absent themselves from school, or procure substitutes, without the consent of the Committee. All such absences are to be distinctly recorded in the school-registers, and the Chairman notified of any unavoidable violation of this rule. But, for the purpose of observing modes of discipline and instruction, teachers may visit other schools to the extent of one-half day each term, at such times as may be arranged between them and the sub-committee of the respective schools. Substitutes will receive from the teachers for whom they substitute five-sevenths of their salary.

24. Teachers are required to report all damages to school property, unless repairs are immediately made at the expense of parent or guardian.

25. Teachers shall not detain pupils after the close of the morning session, nor more than thirty minutes after the close of the afternoon session, in schools below the grammar grade.

26. Teachers may temporarily suspend pupils for violent or pointed opposition to authority; informing the parent or guardian, and the Committee, at once of such suspension, and the reason therefor.

27. "The several school-teachers shall faithfully keep the registers furnished to them, and make due return thereof



to the School Committee; and no teacher shall be entitled to receive payment for services until the register, *properly filled up and completed*, shall be so returned."\* A fortnight's notice required of resignations, except in case of sickness.

28. The Principal shall establish such rules as may be necessary to secure good order and neatness in the school-house and on the grounds, and the preservation of the furniture, books, and apparatus in the school-rooms.

29. It shall be the duty of the teacher to report at once, in writing, to the Chairman of Committee, every case of corporal punishment; which report shall state the name and age of the pupil, the amount of punishment, and the reason for its infliction.

30. When a pupil does not attain the required per cent. for promotion, by reason of sickness, unavoidable absence, or other causes requiring consideration, the circumstances will be reported by the teacher, to be passed upon by the Committee.

31. It shall be the duty of all the teachers to give vigilant attention to the ventilation and temperature of their school-rooms.

32. No teacher shall contract a bill for repairs on any school-buildings, furniture, or grounds, or purchase any article to be charged to the Town.

#### DUTIES OF PUPILS.

33. In case of absence, tardiness, or dismissal before the close of the session, a written excuse from the parent or guardian shall be required. The younger classes in Primary Schools are to be dismissed at recess. All cases of habitual truancy shall be reported to the Committee.

34. No pupil shall be admitted to any public school without a permit from some one of the Committee, who will require satisfactory evidence that the child is five years of age, and has been vaccinated; and no pupil will be admitted

\*Revised Statutes.

to any of the Primary Schools except during the first two weeks of each term, unless qualified to enter existing classes.

35. No pupil will be allowed to attend school while any member of their household is sick with small-pox, diphtheria, or scarlet fever, or during a period of two weeks from the death, recovery, or removal of such sick person.

36. Pupils absent one month, except on account of sickness, shall be considered new pupils, liable to lose their connection with their class, and needing on their return a permit from the Committee.

37. No non-resident child, nor one who has only a temporary residence in the town, shall be received or retained in any school, except with the consent of the School Committee, who may require parent or guardian of such child to pay the average cost per scholar in such school, for the time the child is instructed there.

38. No deviation from the course of study prescribed by the Committee shall be permitted, and no pupil shall be advanced or put back in grade, without the consent of the Committee.

39. Pupils guilty of defacing or injuring school-houses, school furniture, out-buildings, fences, or school property in general, shall be subject to such penalty as the statute prescribes or the Committee deem proper.

40. Pupils are not allowed in school-yards after school hours, or during vacations or holidays; are not allowed in other school-yards than their own at any time, unless sent with messages. No pupil shall be permitted to leave the school-yard at recess, except with permission of the teacher.

41. No wares or amusements shall be advertised in any of the schools, without the consent of the Committee.

42. Teachers shall read to the pupils, at such times as they deem expedient, any or all of the foregoing Rules and Regulations.

## DUTIES OF JANITORS.

43. The duties of the several janitors shall be to *sweep and dust each school-room and entry twice every week*; wash the floors and windows during each of the vacations of May and November; clean and wash all out-buildings as often as necessary; wash the blackboards each week; keep steps and paths free from snow in winter; yards, free from tall grass, weeds, and litter; close gates when schools are not in session; report to teachers or Committee all injuries to property; prepare and put in the coal and wood, and practise rigid economy in its use; have a general oversight of the buildings in their care, keep rooms properly warmed, and see that doors and windows are locked at night and during vacation. No extra pay for any of the above services.

44. Janitors shall not contract a bill for repairs on any of the school-buildings, furniture, or grounds; or make any purchase of any article to be charged to the Town, unless authorized by the Committee.

## DUTIES OF THE SUPPLY AGENT.

45. The Supply Agent shall be at the Committee rooms each day of the first week of Fall Term, and each Tuesday during term time throughout the year, from 11 to 12 M.

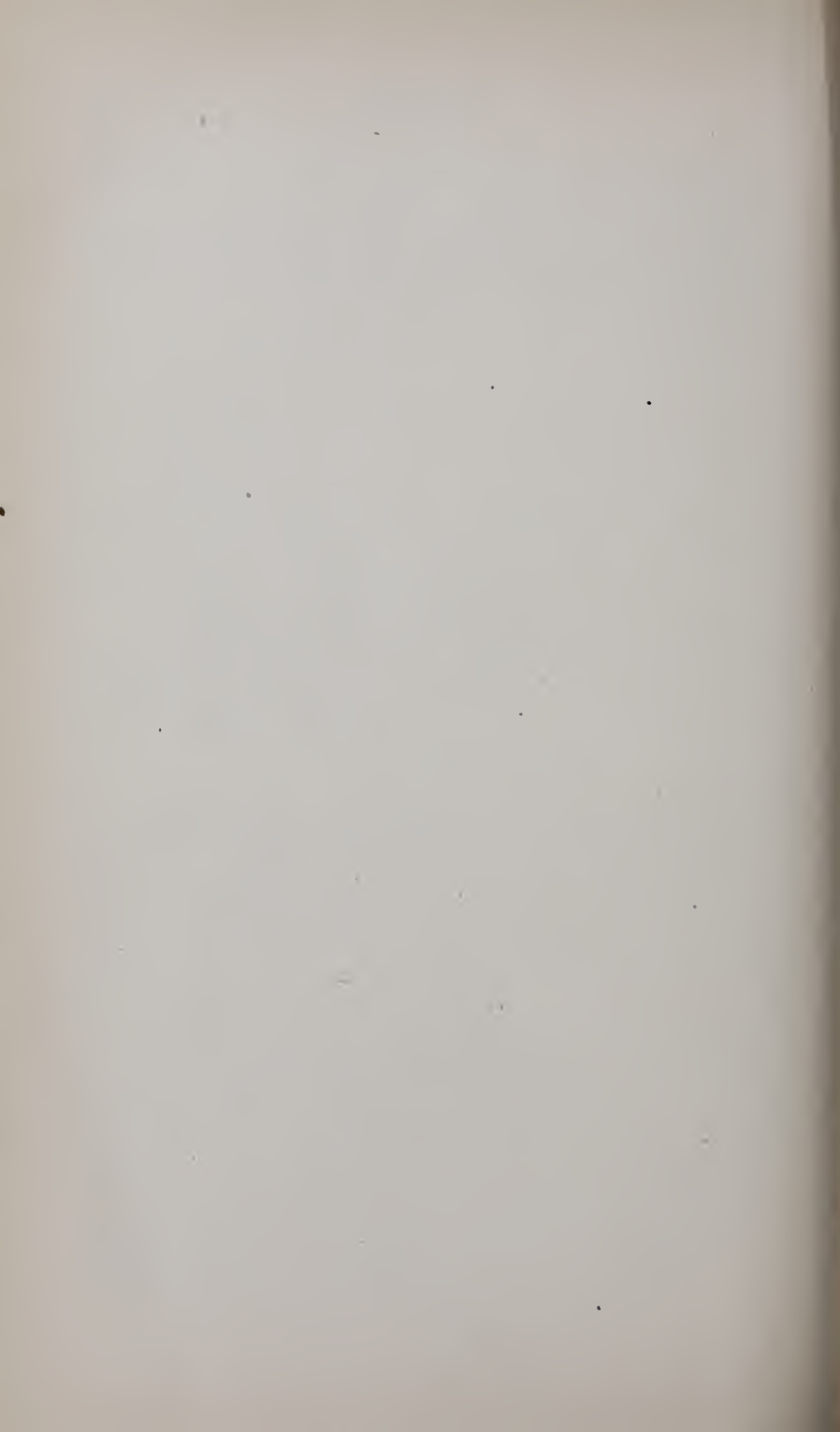
46 The Agent's duties are: To keep a correct account of books and supplies received, issued, and on hand, and to have such account open at all times to the inspection and for the information of the Committee.

In January and June of each year, to make a thorough inspection of the books in hands of pupils of the several schools, in order to promote the care of the same; to advise with teachers on the subject, and report whatever may be necessary to the Committee for their action or information.

To adjudge damage in case of gross carelessness or wanton destruction of books, to the end that parents shall make restitution in such cases.

To perform such other duties as from time to time the Board may find necessary.

47. No books or supplies shall be furnished to teachers or janitors, except upon written requisition from them made upon blanks furnished by the Committee.



WARRANT

FOR

TOWN MEETING,

MARCH 1, 1886.

# WARRANT.

---

*To either of the Constables of the Town of Melrose, in  
the County of Middlesex :* *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the Inhabitants of the Town of MELROSE, qualified to vote in elections and Town affairs, to meet at the TOWN HALL on MONDAY, the FIRST day of MARCH, A. D. 1886, at 7 o'clock, A. M., then and there to act on the following Articles, viz :

1. To choose a Moderator.
2. To bring in their votes on one ballot for Selectmen, Town Clerk, Town Treasurer, Collector of Taxes, Assessors, one Water Commissioner for three years, Library Trustees, Highway Surveyor or Surveyors, Water Loan Sinking Fund Commissioner for three years, three Auditors, two School Committee for three years, and Constables. Upon a separate ballot to bring in their votes in answer to the question, "Shall license be granted for the sale of intoxicating liquors in this town?" Form of ballots to be "Yes" or "No."
3. To choose all other necessary Town Officers.
4. To authorize the Town Treasurer to borrow money for the purpose of meeting the demands of the Town, with the approval of the Selectmen.
5. To hear and act upon the report of the Finance Committee appointed at meeting held Nov. 10, 1885.
6. To raise money for Schools.
7. To raise money for School Contingent Expenses.
8. To raise money for Highways.
9. To raise money for Sidewalks.
10. To raise money for Crossings and Gutters.
11. To raise money for the Support of the Poor.
12. To raise money for the Fire Department.
13. To raise money for lighting and care of Street Lamps.



14. To raise money for additional Street Lamps.
15. To raise money for Police and Watchmen.
16. To raise money for Contingent Expenses.
17. To raise money to pay Interest on the Town Debt.
18. To raise money for the Reduction of the Town Debt.
19. To raise money for the Public Library.
20. To raise money for Water, viz: to pay cost of constructing works for the past year, and for the use of the water, in hydrants, public buildings, etc.
21. To raise money for Salaries of Town Officers, and to fix the compensation of all officers and committees elected or appointed by the Town.
22. To raise money for Drainage, Bridges, and Culverts.
23. To raise money for deficiencies in accounts for the past year and for all other necessary expenses for the ensuing year.
24. To determine the method by which the taxes for the year shall be collected.
25. To hear and act on the report of the committee appointed to consider the matter of school accommodations.
26. To see if the Town will build a schoolhouse on the west side of the B. & M. R. R., on or near Vinton Street, and raise or appropriate money for the same.
27. To see if the Town will build a schoolhouse near Swain's Pond and raise or appropriate money for the same.
28. To see if the Town will raise or appropriate money for the purpose of furnishing apartments for Post 4, G. A. R., in the Town Hall building, in accordance with resolve adopted Nov. 10, 1885.
29. To hear and act upon the report of the committee appointed to consider the enlarging of the Town Hall stage, improving the ventilation of the building, etc., and raise or appropriate money for the same.
30. To hear and act upon the report of the committee appointed to revise the Water Rates.
31. To see if the Town will purchase of Rufus Leavitt a piece of land at the junction of Wyoming Avenue and Hurd Street, paying therefor a sum equivalent to the cost of concreting a sidewalk on Hurd Street opposite estate of Mr. Leavitt, and appropriate thirty-five dollars for the same.

32. To see if the town will widen the culverts of Ell pond brook, where Main, Grove and Berwick streets cross the same, to a width which will carry off the water which accumulates during floods, agreeable to petition of J. Geist and nineteen others.

33. To see if the Town will grant to H. C. Richardson, for the purpose of watering the streets, the use of the stand pipes without charge, agreeable to petition of C. G. Harris and ten others.

34. To see if the Town will properly repair and grade Prospect Street and appropriate three hundred dollars for same, on petition of Wm. F. Conant and ten others.

35. To see if the Town will amend Section 10, Article 4 of the By-Laws, so that the words "*opened in*" shall be stricken out and the words "*reported to or accepted by*" be inserted in place thereof.

36. To see if the Town will appoint a committee to confer with committees of other towns and cities, regarding the report now before the Legislature on a system of sewerage for the Mystic Valley basin.

37. To see if the Town will grade and drain Perkins Street and appropriate money for the same.

38. To see if the Town will discontinue, widen or alter that portion of Cedar Park which runs parallel with the B. & M. R. R. or any part thereof.

39. To hear and act on the reports of committees, and for the transaction of any other business which may legally come before this meeting.

And you are directed to serve this Warrant by posting attested copies thereof at the several places of Public Worship, and at the Depots, seven days, at least, before the time of holding said meeting.

Hereof fail not, and make due return of this Warrant, with your doings thereon, to the Town Clerk, at the time and place of said meeting.

Given under our hands this sixteenth day of February, in the year one thousand eight hundred and eighty-six.

|                  |             |
|------------------|-------------|
| LEVI S. GOULD,   | } Selectmen |
| H. G. FIELDS,    |             |
| JOHN K. CURRIER, |             |
|                  | } of        |
|                  | } Melrose.  |

A true Copy. Attest,

ANSEL B. PIERCE, Constable.

REPORTS

OF THE

TOWN OFFICERS OF MELROSE

FOR THE

FINANCIAL YEAR

ENDING DECEMBER 31, 1886.

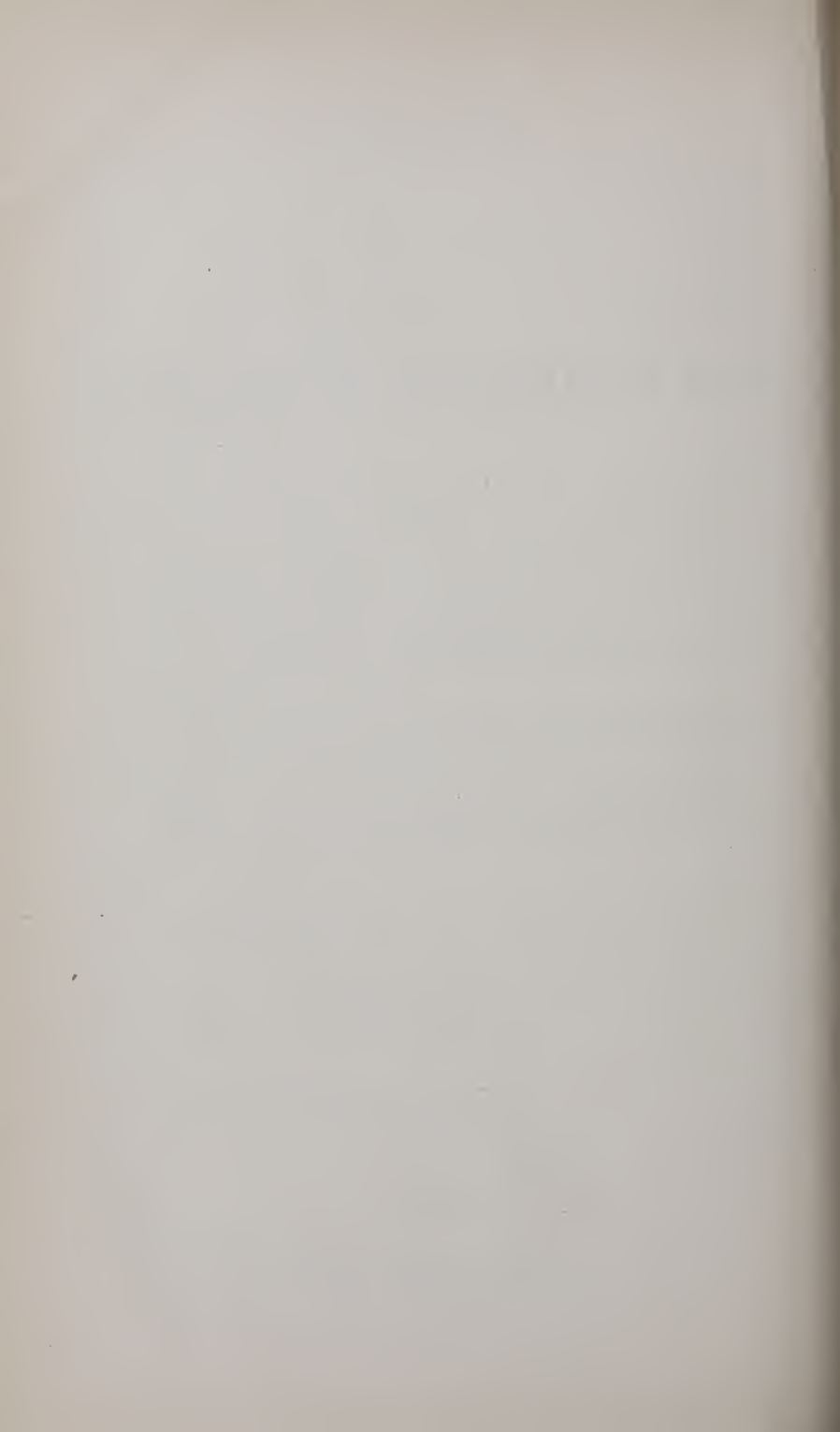
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BOSTON:

ALFRED MUDGE & SON, PRINTERS,

No. 24 FRANKLIN STREET.

1887.



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# TOWN OFFICERS FOR 1886-7.

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Selectmen, Overseers of the Poor, and Highway Surveyors.

LEVI S. GOULD.

HENRY G. FIELDS.

JOHN K. CURRIER.

---

Town Clerk.

JOHN LARRABEE.

---

Treasurer.

GEORGE NEWHALL.

Collector.

M. F. EASTMAN.

---

Assessors.

GEORGE C. STANTIAL.

GEORGE F. BOARDMAN.

MOSES BRIGGS.

---

Water Commissioners.

WINGATE P. SARGENT, *Chairman* . . . . . Term expires 1887.

WILBUR D. FISKE . . . . . " " 1889.

JOHN R. JONES . . . . . " " 1888.

---

Superintendent of Water Works and Clerk of Board of Water Commissioners.

ADDISON LANE.

---

Commissioners of Water Loan Sinking Fund.

DANIEL RUSSELL, *Chairman* . . . . . Term expires 1887.

ROYAL P. BARRY . . . . . " " 1888.

JOHN W. FARWELL . . . . . " " 1889.

---

School Committee.

THOMAS W. RIPLEY, *Chairman* . . . . . Term expires 1887.

MRS. SARAH W. BRADBURY . . . . . " " 1887.

MRS. A. K. MILLER . . . . . " " 1888.

S. ROBERTSON WINCHELL . . . . . " " 1888.

CHARLES F. LORING . . . . . " " 1889.

MRS. ADDIE B. P. WATERHOUSE . . . . . " " 1889.

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Trustees of the Public Library.

ELBRIDGE H. GOSS.

THOMAS B. PECK.

CHARLES C. BARRY.

HANNAH LYNDE.

RUBY F. FARWELL.

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Auditors.

JOHN R. NORTON.

FRANK E. ORCUTT.

WALTER I. NICKERSON.



## TOWN OFFICERS FOR 1886-7.

## Constables.

ANSEL B. PIERCE.

FRANK M. McLAUGHLIN.

HENRY B. NEWHALL.

## Registrars of Voters.

|                                   |   |   |                           |
|-----------------------------------|---|---|---------------------------|
| ALFRED HOCKING, <i>Chairman</i>   | . | . | Term expires May 1, 1887. |
| WALTER BABB                       | . | . | " " " 1889.               |
| JOHN B. SOUTHER                   | . | . | " " " 1888.               |
| JOHN LARRABEE, <i>Town Clerk.</i> |   |   |                           |

## Representative in the General Court.

JOHN LARRABEE.

## Engineers of the Fire Department.

A. WILBUR LYNDE, *Chief.*

WALTER B. ELLIS.

JOHN SINGER, JR., *Clerk.*

## Measurers of Wood and Bark, Weighers of Hay and Coal.

SETH E. BENSON.

M. F. EASTMAN.

## Surveyor of Lumber.

HENRY A. LEONARD.

## Committee on Cemeteries.

GEORGE NEWHALL.

DANIEL RUSSELL.

JOHN LARRABEE.

## Fence Viewers.

DEXTER PRATT.

JOSEPH S. EASTMAN.

## Pound Keeper.

W. TRUMAN HOWARD.

## Field Drivers.

OTIS HOWARD.

HENRY B. NEWHALL.

FRANK GIBBONS.

W. TRUMAN HOWARD.

## Police Officers.

FRANK M. McLAUGHLIN, *Chief.*

A. WILBUR LYNDE.

HENRY B. NEWHALL.

OSBORNE E. DROWN.

CHARLES T. STEVENS.

CHARLES H. FULLER.

R. M. RAND.

A. B. PIERCE.

EDWARD O. GOODRIDGE.

## Forest Fire Wards.

DEXTER PRATT.

CALVIN LOCKE.

CHASE C. WORTHEN.

JAMES MARSHALL.

HENRY BARRON.

## REPORT OF THE SELECTMEN.

---

*to the Citizens of Melrose:*

We respectfully submit our report for the financial year ending Dec. 31, 1885.

### HIGHWAYS, SIDEWALKS, CROSSINGS, AND GUTTERS.

The liberal increase in the sum usually appropriated by the town for highways has borne legitimate fruit, and we are pleased to refer to our streets as being in much better condition than at any period in their history. We advise a continuance of this policy, that they may be gradually brought to the high condition of those in our neighboring municipality. The sum appropriated for concrete sidewalks, crossings, and gutters has been expended in strict accordance with your vote; but we regret to say that the amount reserved for sidewalks was entirely insufficient to meet the demands of abutters, and a large quantity applied for was obliged to go over until next season. If the town desires to accommodate all who apply for concrete walks, we think they must make at least double the appropriation of last year, to be expended as heretofore, the town paying one half and abutters the balance. We also recommend that two hundred and fifty dollars be appropriated for repairs of old walks, one hundred dollars for crossings, and not less than five hundred dollars for gutters, there being many places in town on the hillsides where concrete gutters are absolutely needed, indeed are indispensable, if we wish to prevent the ever-recurring wash-outs, and where a dollar spent in this way would save scores in repairs. True economy demands a very liberal appropriation for this important object, every season's delay being fraught with increasing damage to streets and property.

## SWAIN'S POND AVENUE.

In accordance with your directions, we have expended the sum of five hundred dollars upon this avenue. Its improved condition is appreciated, not only by the citizens of that locality, but by hundreds of casual tourists seeking for the beautiful in nature, thus attesting the wisdom of your action.

## LAND AT JUNCTION WYOMING AVENUE AND HURD STREET.

Agreeably to your vote, we have accepted from Rufus Leavitt, Esq., a deed running to the Inhabitants of Melrose, of a piece of land at the junction of Wyoming Avenue and Hurd Street, upon which sets the drinking fountain. In payment thereof, we have concreted, as you directed, the sidewalk on Hurd Street, adjoining the estate of Mr. Leavitt, at the expense of the town.

## SPECIAL REPAIRS ON WASHINGTON STREET.

At the November meeting you placed in our hands the sum of one thousand dollars, to be used on the highways for special repairs. Three hundred dollars of this money was expended on Washington Street, in furtherance of orders from the county commissioners, and much of the balance on Main Street, south of Sylvan. In our judgment, it will take at least one thousand dollars to complete the widening and straightening of Washington Street in such a manner as to meet the requirements of the commissioners. Every year citations are served upon your selectmen, at the instigation of interested citizens of Melrose, forcing them to show cause for disobedience of the orders of the commissioners. This is not only a source of great annoyance, but a stigma upon the town, which should be relieved by an early completion of the work.

## NEW STREETS.

We have viewed and laid out, during the last year, a widening of Essex Street, at the angle near Small's factory, which you accepted at the November meeting. We shall also re-

port to the annual meeting, for your consideration, Cherry and Meridian Streets, an extension of Porter Street, and Prospect, Highland, Briggs, Morgan, and Spring Avenues at the Highlands.

#### DRAIN THROUGH OTIS STREET.

We have removed the decayed and very dangerous covering of railroad sleepers from the wide drain running about two hundred feet through the centre of Otis Street, and replaced them with substantial split granite. The first team drawing these stones broke through, and it is a matter of congratulation that the town has escaped the heavy damages liable to have occurred at any time from the miserable condition of this culvert. It is now believed to be perfectly safe.

#### AMENDMENT TO BY-LAWS.

The amendment to Section 10, Article IV. of the By-Laws relating to the laying out of streets, which was adopted at the annual meeting, has been disallowed by the Court to which it was referred ; consequently your action thereon is null and void.

#### TOWN HALL.

At the annual meeting you directed us, acting in concert with a committee previously appointed, to re-arrange and rebuild the anterooms, to improve and if possible perfect the ventilation, and to construct an exit from the rear of the Town Hall. In furtherance of this work, we found it absolutely necessary to thoroughly reconstruct the water-closets and other defective plumbing, as well as some of the gas and steam fixtures ; also, *in accordance with usual custom*, and our duty as custodians of this particular property, we have made other repairs befitting the ordinary requirements of safety, neatness, and comfort. We take pleasure in reporting that the anterooms are now second to none in comfort and convenience, the new exit is, we think, ample and satisfactory, and the system of ventilation, as finally completed, is generally regarded as a very near approach to perfection. Inside and outside the edifice is in *perfect repair*, and should so remain for many years with but trifling expend-

iture. As a gathering place for other than town purposes, this building has become an absolutely indispensable public necessity, and our citizens may well take pride in the possession of a Town Hall which for beauty, convenience, comfort, and utility is conceded to be unsurpassed.

#### BATTERY C.

This organization has been disbanded by his Excellency the Governor, and its guns and equipment removed. The cause was a lack of interest and support in this community.

#### DAMAGES CLAIMED AND LIABILITY AVERTED.

Several claims have been made against the town during the past year, all but two of which were abandoned, your selectmen refusing to entertain them as lawful or just demands. We allowed and paid to Miss Susan Godbold the sum of twenty-five dollars for alleged damage from a fall on the private curbstone at the corner of Main and Foster Streets, now protected by notices of warning. This claim was settled under compromise, to avoid the expense and annoyance of litigation. Another claim entered against the town was by Franklin Rogers, of Bangor, Maine, for alleged damage to person and property in consequence of certain excavations made by the city of Malden, in laying their water main through Washington Street. As the city of Malden was acting under authority of the Legislature, and the selectmen of Melrose did all in their power to protect travellers, the damage, if any, must be borne by that municipality. The case will be tried at Cambridge, spring term.

#### UNCERTAIN BOUNDARY BETWEEN MELROSE AND MALDEN.

The boundary line between Melrose and Malden, in the vicinity of Brazil Street, is so vague and indefinite that it is impossible to locate the same with any degree of certainty, both Malden and Melrose taxing an estate belonging to B. F. Dutton, Esq. To correct this anomalous condition of affairs, it will be necessary to seek legislative enactment, which the city of Malden has agreed to apply for at the present session of the General Court.

## STREET LIGHTS.

One hundred and forty-seven lamps are now lighted with kerosene, under contract with the Wheeler Reflector Company, and 30 with gas, making a total of 177, an increase of *one* gas and 15 kerosene lights during the year. The unexpected increase of private lights, which the town keeps in condition under authority of a vote heretofore passed, has principally caused this appropriation to run short a small amount. The only perfect system of street lighting being that of electricity, we think it would be well for the town to locate a few lights along the principal streets, dispensing as far as possible with gas and kerosene.

## WYOMING CEMETERY.

The Cemetery Committee report a surplus, amounting to \$956.87. It seems imperative that the town should take some action in the near future to acquire additional land for cemetery purposes.

## UNOCCUPIED SCHOOLHOUSES.

In accordance with suggestions made by your School Board, we recommend the sale at public auction of such school buildings as are not now in public use.

## THE STONEHAM STREET RAILROAD COMPANY.

In accordance with petition of this corporation, we have granted them locations in the town of Melrose which are substantially as follows, viz.: From a point near the corner of Vinton and Franklin Streets, *through the centre of said Franklin Street*, across the Boston and Maine tracks to Green and Main Street, thence to the Malden line, *in the middle of said streets* as far as Warren Lynde's house on Main Street, thence to the Malden line on the *east side of said street*. The track to be paved inside and outside, and the rail to be the most approved *flat* pattern. The present T rail between Vinton Street and the Highland station *is to be removed entirely*. Spurs from the main line are also authorized from the



corner of Main and Franklin Streets to the Wakefield line, in the centre of the street, and through Howard Street to the Saugus line. From opposite the residence of the late Nelson Cochran the track is to be laid on the south side of said Howard Street to the Saugus line ; from the corner of Green Street to said house the track is to be laid in the *centre* of the street.

#### MYSTIC VALLEY SEWER.

In accordance with your vote we have attended all hearings regarding this important project, using our influence to stay proceedings until such time as the town deems it for their interest to act. At present the subject appears to be *in statu quo*.

#### BOARD OF HEALTH.

(J. K. CURRIER, Chairman.)

The following cases of contagious diseases have been reported to the Board, viz.: diphtheria, 18 ; scarlet fever, 14 ; typhoid fever, 14 ; measles, 4 ; whooping-cough, 1 ; total, 41. During the month of August diphtheria assumed an alarming aspect, threatening to become epidemic, but through the active efforts of officers of this board, ably seconded by our local medical practitioners, it was kept under control, and finally disappeared with comparatively few fatalities. Otherwise than this special outbreak, we consider the state of the public health during the past year as having been exceedingly good.

#### POOR DEPARTMENT.

(H. G. FIELDS, Chairman.)

That the poor are always with us, is a declaration which remains in its full original force.

Business has been good during the year, and there has been no special cause for destitution, yet misfortune and intemperance, with far-reaching, evil results, keep the stream of poverty ever flowing in our midst. The greatest drain upon this fund has been the full support of the insane paupers at the various lunatic hospitals, and the outside relief, — comprising those who are settled here, and are being aided in



other places, at our expense, — both forming an aggregate of \$2,382.98, which is much more than half of the appropriation. In the inside relief department we seem to be able to regulate the economy closer to the interest of the town than with the outside, where we can have little or no control, but are compelled to submit to the terms of those who may have our poor in charge.

There have been eleven insane persons cared for in the hospitals within the year. This is a larger number than ever before reported in this town.

Insanity has greatly increased during the last few years, and on account of the over-crowded condition of the hospitals we have been requested to remove those of ours who are harmlessly insane to outside almshouses, where it is thought that they may be fully as well cared for.

We have been unable to effect such an arrangement, and having no almshouse of our own, we hope that we may be permitted to continue as heretofore. But we find that many of the cities and larger towns are preparing to provide for all of their own insane

One hundred and eleven persons have been aided, twenty-three of whom have received full support during the whole or a part of the year.

Of this whole number, seventy-four have their legal settlements in this town.

The remainder have been aided on account of other towns, and of the State.

An account of expenditures and receipts may be found in another column of this report.

#### THE MELROSÉ IMPROVEMENT SOCIETY.

This society, strictly speaking, is not a co-ordinate branch of town government, yet its operations are of such a public and beneficial nature, and of so much interest to our citizens, that we consider it fairly entitled to notice in this report. From the treasurer's report, hereto appended, it will be observed that the work done during the year 1886 has been productive of more satisfactory results than during any previous season

of its history, thanks to the ability displayed and untiring zeal of its excellent corps of officials, generously supported by contributions in money and labor from public-spirited citizens. Weeds, decaying vegetation, and unsightly accumulations of rubbish in many prominent situations not under public control have been removed through their efforts, and the "Town Common" greatly improved. They have also equitably distributed and planted, in various sections of the town, two hundred and thirty-six shade trees, most of which received a good start during the summer. We strongly recommend this excellent organization to continued public support.

REPORT OF TREASURER OF THE MELROSE IMPROVEMENT  
ASSOCIATION FOR 1886.

|                                              |          |
|----------------------------------------------|----------|
| Rec'd from former treasurer . . . .          | \$124 40 |
| for membership fees . . . .                  | 239 00   |
| for trees and protectors . . . .             | 203 25   |
| subscriptions to clear up Common . .         | 11 00    |
| "                    "          at Wyoming . | 8 50     |
| profit on hitching posts . . . .             | 3 82     |
| "          entertainment . . . .             | 92 15    |
| <hr/>                                        |          |
| Total receipts . . . . .                     | \$682 12 |

EXPENDITURES.

|                                                                    |        |
|--------------------------------------------------------------------|--------|
| O. E. Drown, care of vase . . . .                                  | \$5 00 |
| C. A. Marsh, printing . . . .                                      | 5 50   |
| Clearing up at Wyoming . . . .                                     | 14 75  |
| Membership book . . . .                                            | 3 75   |
| C. O. Saunders, trees and protectors . .                           | 476 80 |
| D. L. Taylor, filling vase . . . .                                 | 30 00  |
| Clearing up at Common . . . .                                      | 22 50  |
| J. C. Ingalls, loam . . . .                                        | 11 75  |
| G. W. Dew, painting vases and fountains .                          | 6 00   |
| Maurice Cochran, work at Norrisville .                             | 16 00  |
| F. M. Holmes & Co., excelsior to use on tree<br>protectors . . . . | 3 00   |
| A. W. Lynde, packing protectors . . . .                            | 4 00   |

|                                        |          |
|----------------------------------------|----------|
| W. L. Williams, printing . . . . .     | \$5 70   |
| N. P. Jones, teams and labor . . . . . | 12 70    |
|                                        | <hr/>    |
| Total expenditures . . . . .           | \$617 45 |
| Balance on hand . . . . .              | \$64 67  |

W. A. RODMAN,  
*Treasurer.*

## CONDITION OF THE APPROPRIATIONS.

All general appropriations controlled by the selectmen have been kept within their limits, except that of street lighting, which shows a deficiency of \$97, principally caused by the unexpected increase in private lights, as heretofore explained. The special work upon anterooms, ventilation, and a new exit from the rear of the Town Hall, all ordered by vote of the town, and other necessary incidental repairs to the building, will be found in detail under the appropriate financial heading showing an excess of expenditure over income and appropriations of \$2,717.91.

Congratulating our fellow-citizens on the excellent condition and continued prosperity of this community, and thanking them for unvaried courtesy and support in the transaction of our official duties,

We are very respectfully,

LEVI S. GOULD,  
H. G. FIELDS,  
JOHN K. CURRIER,

*Selectmen of Melrose.*

# REPORT OF THE TOWN CLERK.

---

## PROCEEDINGS OF TOWN MEETINGS.

Meeting Jan. 23, 1886, 7.30 P. M.

ARTICLE I OF THE WARRANT. To choose a moderator.  
Chose Levi S. Gould, by unanimous vote.

ART. 2. To determine what action the town will take in the matter of the petition of certain persons to the General Court to change the town line so as to set off a portion of its territory and add the same to the city of Malden, on petition of F. S. Hesseltine and others.

*Voted*, 1. That the inhabitants of Melrose are opposed to the petition to the Legislature for a change in the town line by which certain of its territory is to be transferred to the city of Malden.

2. That they declare their opposition by a rising vote, the yeas and nays being counted and recorded.

3. That a copy of the vote and the action of this meeting upon this article be sent to the Legislature, with the request that they refuse to grant the petition to change the town line, because no good cause exists for such change.

Vote upon the above, taken as stated, — yeas 224, nays 4.

*Voted*, That D. W. Gooch, F. S. Hesseltine, John W. Farwell, Moses Briggs, George H. Dearborn, A. V. Lynde and Nathan D. Blake be a committee to appear before the Committee on Towns of the Legislature and oppose any change of the town line whereby any portion of the town shall be set off to the city of Malden.

ART. 3. To see if the town will appoint a committee to take into consideration the following matters relating to the

Town Hall building, viz.: the enlarging of the hall stage, a more thorough system of ventilation, and any other necessary repairs and improvements; said committee to report at the next annual meeting. On petition of John W. Farwell and others.

*Voted*, That a committee of five be appointed to confer with the selectmen, and report at the next annual meeting what changes may be necessary, with an estimate of the cost of the same; to enlarge the hall stage, to provide a more thorough system of ventilation, and to otherwise repair and improve the Town Hall.

Committee appointed: John W. Farwell, George H. Dearborn, E. K. Bordman, E. C. Gould, W. A. Rodman.

ART. 4. To hear and act upon the reports of committees, and transact any other business which may legally come before this meeting. The following, submitted by Moses S. Page, was accepted and adopted by unanimous vote:—

*Whereas*, The patrons of the Boston and Maine Railroad, residing in Melrose, feel that they have just cause for complaining of the accommodations furnished by the said railroad, and especially of the need of comfortable waiting-rooms for Boston-bound passengers on the west side of the track;

*Resolved*, That it is the sense of this meeting that a committee of five be appointed to appear before the Railroad Commissioners, at a hearing to be held by them on the fifth day of February next, at their rooms in Boston, to consider any grievances of the patrons of the Boston and Maine Railroad, *provided* said committee cannot secure the accommodations desired from the managers of the railroad.

Committee appointed: Moses S. Page, D. W. Gooch, W. P. Sargent, R. P. Barry, N. P. Jones.

Annual Meeting, March 1, 1886, 7 A. M.

ARTICLE I. To choose a moderator.

Chose Levi S. Gould, by unanimous vote.

ART. 2. To bring in votes on one ballot for selectmen, clerk, treasurer, collector, assessors, and other officers.

To bring in votes, upon a separate ballot, in answer to the question, "Shall licenses be granted for the sale of intoxicating liquors in this town?" Form of ballots to be "Yes" or "No."

*Voted*, That the officers elected by ballot this day shall consist of three selectmen, who shall also be overseers of the poor and highway surveyors, one clerk, one treasurer, one tax collector, three assessors, one water commissioner for three years, two school committee for three years, one water loan sinking fund commissioner for three years, five library trustees, three auditors, and three constables.

Polls opened.

*Voted*, That the polls be closed at 5.15 P. M.

*Voted*, That the transaction of town business, other than voting, be postponed to 7.30 P. M.

Edward E. Babb appointed as teller, and sworn.

Polls closed at 5.15 P. M.

#### OFFICERS DECLARED ELECTED BY THE MODERATOR.

*Selectmen, Overseers of the Poor, and Highway Surveyors* — Levi S. Gould, Henry G. Fields, John K. Currier. *Town Clerk* — John Larrabee. *Town Treasurer* — George Newhall. *Collector of Taxes* — Moses F. Eastman. *Assessors* — George F. Boardman, Moses Briggs, George C. Stantial. *Water Commissioner for Three Years* — Wilbur D. Fiske. *School Committee for Three Years* — Charles F. Loring, Addie B. P. Waterhouse. *Water Loan Sinking Fund Commissioner for Three Years* — John W. Farwell. *Trustees of the Public Library* — Elbridge H. Goss, Charles C. Barry, Thomas B. Peck, Hannah Lynde, Ruby F. Farwell. *Constables* — Henry B. Newhall, Ansel B. Pierce, Frank M. McLaughlin. *Auditors* — John R. Norton, Frank E. Orcutt, Walter I. Nickerson.

#### LICENSE QUESTION.

"Yes," three votes; "No," two hundred and twenty-nine votes.

*Voted*, To adjourn.



Adjourned Meeting, March 1, 1886, 7-30 P. M.

ART. 3. To choose all other necessary town officers.

OFFICERS ELECTED.

*Measurers of Wood and Bark, Weighers of Hay and Coal* — Seth E. Benson, M. F. Eastman. *Surveyor of Lumber* — Henry A. Leonard. *Committee on Cemeteries* — George Newhall, Daniel Russell, John Larrabee. *Field Drivers* — Otis Howard, H. B. Newhall, Frank Gibbons, W. Truman Howard. *Fence Viewers* — Dexter Pratt, Joseph S. Eastman. *Pound Keeper* — W. Truman Howard.

ART. 4. To authorize the town treasurer to borrow money for the purpose of meeting the demands of the town, with the approval of the selectmen.

*Voted*, unanimously, That the treasurer be authorized, with the approval of the selectmen, to hire money to renew, replace, or pay any existing loan or loans ; also to hire money in anticipation of taxes for the current year, to meet expenses, and issue notes of the town therefor.

ART. 5. To hear and act upon the report of the finance committee appointed at meeting held Nov. 10, 1885.

Report read and accepted.

ART. 6. To raise money for schools.

*Voted*, To raise eighteen thousand dollars.

ART. 7. To raise money for school contingent expenses.

*Voted*, To raise for contingent expenses of the schools, two thousand five hundred dollars ; and for text-books and other supplies, one thousand two hundred and fifty ; total amount to be raised, three thousand seven hundred and fifty dollars.

ART. 8. To raise money for highways.

*Voted*, To raise five thousand five hundred dollars ; five hundred dollars of said amount to be expended for such alterations, improvements, and repairs as may be required to be made in Swain's Pond Avenue.

ART. 9. To raise money for sidewalks.

*Voted*, To raise one thousand dollars ; not less than twenty-five per cent of said amount to be expended in repairs on exist-



isting walks, and the remainder to be expended in accordance with votes of previous years, by which abutters pay one half of the expense.

ART. 10. To raise money for crossings and gutters.

*Voted*, To raise three hundred dollars.

ART. 11. To raise money for the support of the poor.

*Voted*, To raise four thousand five hundred dollars.

ART. 12. To raise money for the Fire Department.

*Voted*, To raise two thousand four hundred dollars; five hundred dollars of said amount to be expended for the purchase of new hose.

ART. 13. To raise money for lighting of street lamps.

*Voted*, To raise one thousand nine hundred and fifty dollars for the lighting and care of street lamps.

ART. 14. To raise money for additional street lamps.

*Voted*, To raise one hundred and fifty dollars.

ART. 15. To raise money for police and watchmen.

*Voted*, To raise one thousand four hundred dollars.

ART. 16. To raise money for contingent expenses.

*Voted*, To raise one thousand two hundred dollars.

ART. 17. To raise money to pay interest on the town debt.

*Voted*, To raise five thousand dollars.

ART. 18. To raise money for the reduction of the town debt.

*Voted*, To raise five thousand dollars; the same, or so much thereof as may be necessary, to be applied in payment for the Fells School building.

ART. 19. To raise money for the public library.

*Voted*, To raise seven hundred and fifty dollars for the public library and reading room, to which shall be added the dog tax when received.

ART. 20. To raise money for water, viz., to pay cost of constructing works for the past year, and for the use of the water, in hydrants, public buildings, etc.

*Voted*, To raise the amount expended for construction during the year 1885, viz., five thousand two hundred and eighty-five

and sixty-seven hundredths dollars ; and for use of water in hydrants, public buildings, etc., two thousand dollars.

ART. 21. To raise money for salaries of town officers, and to fix the compensation of all officers and committees elected or appointed by the town.

*Voted*, To raise two thousand five hundred dollars ; that the salaries of town officers be the same as paid last year ; and three hundred dollars additional for such clerical service as may be required by the assessors.

ART. 22. To raise money for drainage, bridges, and culverts.

*Voted*, To raise six hundred and fifty dollars.

ART. 23. To raise money for deficiencies in accounts for the past year, and for all other necessary expenses for the ensuing year.

*Voted*, To raise for deficiencies, three thousand five hundred and eighty-five and fifty-six hundredths dollars ; viz., special appropriations for Orris, Warren, and Washington Streets, \$1,000 ; special appropriation for expenses of water committee, \$133.54 ; military aid, \$251 ; school contingent, \$929 ; general contingent, \$102.53 ; Town Hall, \$788.75 ; insurance, \$327.49 ; drinking fountain, \$12.23 ; Highland School building, \$41.02. Total, \$3,585.56.

*Voted*, That the unexpended balances from last year and all other unappropriated funds in the hands of the treasurer be carried into the treasury, and applied to the reduction of the town debt.

*Voted*, That the selectmen be requested to expend two thirds of the amount appropriated for highways before June 1 of the current year.

*Voted*, That a committee of three be appointed to examine all the books of accounts of the town officers, and suggest such alterations and improvements as can be made, and carry the same into execution.

Committee appointed : George C. Stantial, George Newhall, John Larrabee.

ART. 24. To determine the method by which the taxes for the year shall be collected.

*Voted*, That all single poll taxes be made payable on or before Aug. 1, 1886; that all other taxes be made payable on or before Oct. 1, 1886, and that interest be added upon all taxes remaining unpaid after that date at the rate of six per centum per annum; that all property on which the taxes remain unpaid on June 1, 1887, be sold by the collector in accordance with the provisions of law.

ART. 25. To hear and act on the report of the committee appointed to consider the matter of school accommodations.

Report of the committee read and accepted.

*Voted*, That a committee of five be appointed to purchase and accept a deed to the town, of land adjacent to the present Vinton Street Schoolhouse lot; to remove the present building therefrom, and to build a schoolhouse thereon, substantially as recommended in the report of the special committee on school accommodations.

*Voted*, That the sum of fourteen thousand dollars be appropriated to pay for the said land and constructing and furnishing said building, and that the town treasurer be authorized to borrow the same (unanimous vote). Committee appointed: Moses S. Page, R. P. Barry, Daniel Norton, Joel Snow, W. Irving Ellis.

*Voted*, That a committee of five be appointed, to provide a suitable school building in that part of the town near Swain's Pond, select a location, and purchase the land, with authority also to remove the Vinton Street School building, or build a new building at an expense not exceeding two thousand five hundred dollars; and that the town treasurer be authorized to borrow said amount, and that it be added to the permanent debt. Committee appointed: John B. Souther, J. W. Page, Thomas Polson, T. W. Ripley, J. A. Dill.

*Voted*, To adjourn to Thursday evening, March 11, 1886, at 7½ o'clock.

Adjourned Meeting, March 11, 1886, 7.30 P. M.

ART. 25.

*Voted*, unanimously, That the recommendations of the committee concerning the water-closets in Grove Street School

building be adopted; viz., that the same be removed from the basement of the building and suitable outbuildings constructed; that eight hundred dollars be appropriated for the purpose, and that the treasurer be authorized to borrow the same.

ART. 28. To see if the town will raise or appropriate money for the purpose of furnishing apartments for Post 4, G. A. R., in the Town Hall building, in accordance with resolve adopted Nov. 10, 1885.

The following resolutions, submitted by Dr. J. S. Clark, were unanimously adopted:—

*Whereas*, The time is not far distant when the present limited conveniences of our public library will be inadequate to subserve the purpose of our constantly increasing population, and when other and more commodious accommodations will have to be provided by the town;

*And whereas*, Nothing commemorative of the valor and patriotism of our citizen soldiery, living or dead, who endured, sacrificed, and suffered for the maintenance of government and the perpetuity of the Union, has been provided by public or private generosity as a mark of endearing gratitude;

*And whereas*, Believing that every community, and especially every Massachusetts town, should by some lasting public object express its grateful obligations to those who died in defence of liberty, and at the same time afford an impressive lesson of patriotism to its youth;

*And whereas*, Our considerations of the dead are necessarily limited to commemorative acts, we have fortunately, in a lessening band of survivors, those to whom practical benefaction can be extended, while recording the virtues of their fallen comrades;

*Therefore, be it Resolved*, That it is the sense of the citizens of Melrose, here assembled, formally expressed, that in the near future some action should be taken by its citizens, individually or in town meeting assembled, toward the erection of a suitable memorial commemorative of the soldiers and sailors of the war for the Union.

*Resolved*, That it would be fitting and proper to this end

to erect a Memorial Public Library, to include, if architecturally practicable, a hall for the use and accommodation of any philanthropic associations of the survivors of the war.

*Resolved*, That if by personal and individual subscriptions or otherwise a sufficient sum should be satisfactorily pledged, that would of itself be one half sufficient to erect a building worthy of the cause and purpose, that the town ought to furnish a site for the same and an equal amount for the structure.

*Be it further Resolved*, That the Melrose Improvement Society be requested to inaugurate this work by the soliciting of subscriptions and donations, and by such other means as they may deem advisable; and whenever the undertaking is sufficiently advanced, to bring the matter before the town.

Article indefinitely postponed.

ART. 29. To hear and act upon the report of the committee appointed to consider the enlarging of the Town Hall stage, improving the ventilation of the building, etc., and raise or appropriate money for the same.

Report of committee read and accepted.

*Voted*, That a sum not exceeding three hundred dollars be appropriated, to be expended under the direction of the selectmen for the purpose of furnishing additional means of egress from the building.

*Voted*, That a committee of five be appointed to attend to the matter of ventilation, and that two hundred dollars be appropriated for that purpose.

Committee appointed: J. W. Farwell, G. H. Dearborn, E. C. Gould, E. K. Bordman, and W. A. Rodman.

*Voted*, That the sum of five hundred dollars be appropriated for the purpose of re-arranging the anterooms of the hall, as recommended by the committee.

*Voted*, That the treasurer be authorized to borrow said amounts.

ART. 30. To hear and act upon the report of the committee appointed to revise the water rates.

Report read and accepted.

*Voted*, That the clause "when two faucets are used, etc.," be placed under dwelling-house rates; that the line "for hop-



per water-closet, \$8.00," be stricken out ; and that the rates for stores be amended so as to read, "occupied as office, shop, or similar purpose, for first faucet, \$6.00 to \$20.00."

*Voted*, That the water rates, by-laws, and regulations, as reported and amended, be adopted.

ART. 31. To see if the town will purchase of Rufus Leavitt a piece of land at the junction of Wyoming Avenue and Hurd Street, paying therefor a sum equivalent to the cost of concreting a sidewalk on Hurd Street, opposite estate of Mr. Leavitt, and appropriate thirty-five dollars for the same.

*Voted*, That the selectmen be authorized to accept a deed of the land, and that thirty-five dollars be appropriated for the purpose of concreting the sidewalk on Hurd Street, opposite the estate of Mr. Leavitt.

ART. 32. To see if the town will widen the culverts of Ell Pond Brook, where Main, Grove, and Berwick Streets cross the same, to a width which will carry off the water which accumulates during floods, agreeable to petition of J. Geist and nineteen others.

*Voted*, That the selectmen have authority to call upon the county commissioners, or take any other action that may be deemed necessary in the premises.

ART. 33. To see if the town will grant to H. C. Richardson, for the purpose of watering the streets, the use of the standpipes without charge, agreeable to petition of C. G. Harris and ten others.

*Voted*, To indefinitely postpone.

ART. 34. To see if the town will properly repair and grade Prospect Street, and appropriate three hundred dollars for same, on petition of Wm. F. Conant and ten others.

*Voted*, unanimously, That Prospect Street be properly graded and repaired, under the direction of the selectmen ; that three hundred dollars be appropriated, and the treasurer authorized to borrow the same.

ART. 35. To see if the town will amend Section 10, Article 4 of the By-Laws, so that the words "opened in" shall be stricken out, and the words "reported to or accepted by" be inserted in place thereof.

*Voted*, That the By-Laws be amended by striking out in Article 4, Section 10, the words "opened in" in the first line, and inserting the words "accepted by," and also adding after said section the words "without a vote of two thirds of the voters present and voting at a legal town meeting," so that said section as amended shall read as follows :—

SECT. 10. No street or public way shall hereafter be accepted by the town of a less width than forty feet, without a vote of two thirds of the voters present and voting at a legal town meeting.

*Note.* The above article was not accepted by the Court.

ART. 36. To see if the town will appoint a committee to confer with committees of other towns and cities, regarding the report now before the Legislature on a system of sewage for the Mystic Valley basin.

*Voted*, That the selectmen be a committee to confer with other towns and cities and appear before the committee of the Legislature on drainage at any public hearing, in the interest of the town.

ART. 37. To see if the town will grade and drain Perkins Street, and appropriate money for the same.

*Voted*, That the sum of three hundred and fifty dollars be appropriated to properly grade and drain Perkins Street, and that the treasurer be authorized to borrow the same.

ART. 38. To see if the town will discontinue, widen, or alter that portion of Cedar Park which runs parallel with the B. & M. R. R., or any part thereof.

*Voted*, unanimously, That so much of Cedar Park as is situated northerly of the line of the southerly boundary of land of Henry Monroe be discontinued ; said discontinuance to take effect as soon as the Boston and Maine R. R. Company shall have laid out, built, and opened to the public, and the selectmen shall have accepted, as in all respects satisfactory, a street from Cedar Park to Emerson Street, the westerly line of which new street shall be not less than sixty feet from the westerly line of that portion of Cedar Park hereby discontinued.



ART. 39. To hear and act on the reports of committees, and for the transaction of any other business which may legally come before this meeting.

Report of committee on Fells School building read and accepted.

Report of the selectmen on guide-boards read and accepted.

ART. 22. *Voted*, That the sum raised for drainage, bridges, and culverts be increased to one thousand dollars.

*Voted*, To adjourn *sine die*.

Meeting, Nov. 2, 1886, 7 A. M.

ART. 1. To bring in votes for State and county officers and for a representative in the Fiftieth Congress.

Polls opened at 7 A. M.

Tellers appointed: George H. Hill and William A. Waterhouse.

ART. 2. To choose a moderator to preside, for the transaction of town business.

Chose Levi S. Gould.

*Voted*, To postpone the transaction of town business until Tuesday evening next (Nov. 9), at 7.30 o'clock, and that when this meeting adjourns it shall be to that time.

*Voted*, That the polls be kept open until 4.36 P. M.

Result of the voting under Article 1, as declared. Total number of ballots cast, 895.

*For Governor.*

|                                        | VOTES. |
|----------------------------------------|--------|
| Oliver Ames of Easton . . . . .        | 565    |
| John F. Andrew of Boston . . . . .     | 319    |
| Thomas J. Lothrop of Taunton . . . . . | 6      |

*For Lieutenant-Governor.*

|                                         |     |
|-----------------------------------------|-----|
| John Q. A. Brackett of Boston . . . . . | 575 |
| Frank K. Foster of Haverhill . . . . .  | 310 |
| John Blackmer of Springfield . . . . .  | 9   |

*For Secretary of the Commonwealth.*

VOTES.

|                                        |     |
|----------------------------------------|-----|
| Henry B. Peirce of Abington . . . . .  | 576 |
| John R. Thayer of Worcester . . . . .  | 305 |
| H. B. Pierce of Abington . . . . .     | 2   |
| Henry B. Pierce of Worcester . . . . . | 2   |
| George Kempton of Sharon . . . . .     | 7   |

*For Treasurer and Receiver-General.*

|                                       |     |
|---------------------------------------|-----|
| Alanson W. Beard of Boston . . . . .  | 573 |
| Lewis Warner of Northampton . . . . . | 309 |
| John L. Kilbon of Lee . . . . .       | 7   |

*For Attorney-General.*

|                                         |     |
|-----------------------------------------|-----|
| Edgar J. Sherman of Lawrence . . . . .  | 579 |
| John W. Corcoran of Clinton . . . . .   | 307 |
| Samuel M. Fairfield of Malden . . . . . | 7   |
| Samuel T. Damon of Melrose . . . . .    | 1   |

*For Auditor.*

|                                          |     |
|------------------------------------------|-----|
| Charles R. Ladd of Springfield . . . . . | 578 |
| William F. Cook of Springfield . . . . . | 308 |
| William W. Sherman of Lowell . . . . .   | 7   |

*For Representative to Congress, Sixth District.*

|                                        |     |
|----------------------------------------|-----|
| Henry Cabot Lodge of Nahant . . . . .  | 551 |
| Henry B. Lovering of Lynn . . . . .    | 325 |
| Castello O. Norcross of Lynn . . . . . | 4   |

*For County Commissioner.*

|                                           |     |
|-------------------------------------------|-----|
| William S. Frost of Marlborough . . . . . | 578 |
| Reuel Williams of Acton . . . . .         | 307 |
| Daniel D. Peabody of Stoneham . . . . .   | 5   |

*For Special Commissioners.*

|                                         |     |
|-----------------------------------------|-----|
| Lyman Dike of Stoneham . . . . .        | 575 |
| Edward E. Thompson of Woburn . . . . .  | 576 |
| Lewis P. True of Everett . . . . .      | 308 |
| Clement Meserve of Hopkinton . . . . .  | 307 |
| J. Henry Symonds of Woburn . . . . .    | 5   |
| Joseph H. Hanaford of Reading . . . . . | 5   |

*For Sheriff.*

VOTES.

|                                      |     |
|--------------------------------------|-----|
| Henry G. Cushing of Lowell . . . . . | 886 |
| William H. Sherman of Ayer . . . . . | 5   |

*For District Attorney, Northern District.*

|                                            |     |
|--------------------------------------------|-----|
| William B. Stevens of Stoneham . . . . .   | 574 |
| Charles S. Lincoln of Somerville . . . . . | 301 |
| Samuel T. Damon of Melrose . . . . .       | 10  |
| Henry A. Bush of Melrose . . . . .         | 1   |
| John M. Read of Lowell . . . . .           | 5   |

*For Clerk of Courts.*

|                                         |     |
|-----------------------------------------|-----|
| Theodore C. Hurd of Cambridge . . . . . | 886 |
| William E. Knight of Shirley . . . . .  | 5   |

*For Commissioners of Insolvency.*

|                                              |     |
|----------------------------------------------|-----|
| Frederic T. Greenhalge of Lowell . . . . .   | 575 |
| John C. Kennedy of Newton . . . . .          | 576 |
| George J. Burns of Ayer . . . . .            | 576 |
| Edward D. McVey of Lowell . . . . .          | 307 |
| John W. Allard of Framingham . . . . .       | 308 |
| Richard J. McKelleget of Cambridge . . . . . | 307 |
| James Hicks of Cambridge . . . . .           | 5   |
| William P. Cutler of Cambridge . . . . .     | 5   |
| Elmer A. Stevens of Somerville . . . . .     | 5   |

*For Councillor, Sixth District.*

|                                              |     |
|----------------------------------------------|-----|
| Francis Jewett of Lowell . . . . .           | 578 |
| Nathaniel P. H. Melvin of Lawrence . . . . . | 308 |
| Claudius B. Travis of Natick . . . . .       | 5   |

*For Senator, Sixth Middlesex District.*

|                                        |     |
|----------------------------------------|-----|
| John K. C. Sleeper of Malden . . . . . | 576 |
| Robert Blyth of Wakefield . . . . .    | 309 |
| Benjamin Luscomb of Everett . . . . .  | 5   |
| George W. Walker of Malden . . . . .   | 1   |

*For Representative in the General Court, Eleventh Middlesex District.*

|                                    | VOTES. |
|------------------------------------|--------|
| John Larrabee of Melrose . . . . . | 611    |
| Samuel Lear of Melrose . . . . .   | 277    |

The ballot-box registered as follows: at 9.45 A. M., 500; 12 M., 610; 1.35 P. M., 725; 3.20 P. M., 822; 4.36 P. M., 898. Names checked on voting lists, 895.

*Voted, To adjourn.*

Adjourned Meeting, Nov. 9, 1886, 7.30 P. M.

ART. 3. To see if the town will accept the Jury List as revised.

*Jury List as accepted.*

|                     |                       |
|---------------------|-----------------------|
| Atwood, Joel.       | Howes, Ephraim O.     |
| Boardman, George F. | Hoyt, Lewis C.        |
| Boynton, William.   | Ingalls, Horace S.    |
| Buffum, John.       | Ireland, Thomas.      |
| Close, Emery.       | Jeffrey, Thomas E.    |
| Cobb, Hiram.        | Johnson, Jerome B.    |
| Cole, Henry H.      | Jones, Edwin F.       |
| Collier, William S. | Lear, Samuel.         |
| Deering, John P.    | Lunt, Alfred T.       |
| Dew, George W.      | Lynde, Andrew.        |
| Dill, Jesse A.      | Nowell, Samuel H.     |
| Edson, Pliny.       | Palmer, Frank T.      |
| Emery, Salter.      | Parker, Albon W.      |
| Farnsworth, Geo. W. | Pratt, Dexter.        |
| Fernald, James H.   | Rand, Redford M.      |
| Freeman, L. Thomas. | Rich, Anthony A.      |
| Fuller, Charles H.  | Ricker, George H.     |
| Gordon, Curtis S.   | Ring, Ethan C.        |
| Hayward, Paul.      | Sherman, William F.   |
| Hawes, Oliver E.    | Stewart, Wm. H.       |
| Holbrook, Joseph.   | Stevens, Charles T.   |
| Howe, F. Edward.    | Stratton, Danforth D. |

Taylor, Thomas A.  
Temple, Charles C.  
Upham, Frank R.  
Waitt, Edward P.

Wiley, Henry E.  
Wilson, Nathan F.  
Young, Charles H.

ART. 4. To see if the town will establish and maintain at the railway stations and crossings, in front of the Town Hall and other principal points, electric lights for illuminating the public highways, and authorize the treasurer to borrow money for the same, on petition of Geo. P. Burnham and others.

*Voted*, To indefinitely postpone.

ART. 5. To see if the town will accept alterations made by the selectmen in the lines of Prospect Street; viz., widening the street at its junction with Poplar Street, and an extension to Stoneham line.

ART. 6. To see if the town will discontinue a portion of Prospect Street as now laid out.

*Voted*, To accept the alterations, widening, and extending the street, and to discontinue a portion, that the street may conform with report of the selectmen.

ART. 7. To see if the town will accept an alteration in the northerly line of Essex Street, whereby the same is widened over land of George F. Boardman, and authorize the treasurer to pay damages as awarded by the selectmen.

*Voted*, To accept the alteration as reported, and that the treasurer be authorized to pay George F. Boardman the sum of fifty-nine dollars and sixty cents as damages for land taken.

ART. 8. To see if the town will appropriate money for specific repairs on Washington Street, in accordance with requirements of the county commissioners, and for other special repairs on highways, and authorize the treasurer to borrow the same.

*Voted*, To appropriate one thousand dollars, and that the treasurer be authorized to borrow the same.

ART. 9. To hear and act upon the reports of committees,

and for the transaction of any other business which may legally come before this meeting.

*Voted,* That Seth E. Benson, Moses Briggs, H. A. Leonard, N. P. Jones, John Singer, John B. Souther, Daniel Norton, Artemas Barrett, and Nathan D. Blake constitute a finance committee to investigate and report the amounts to be raised and appropriated at the next annual meeting.

*Voted,* To adjourn *sine die*.

# STATISTICS OF BIRTHS, MARRIAGES, AND DEATHS FOR THE YEAR 1886.

|                     | Births.    | Marriages. | Deaths.    |
|---------------------|------------|------------|------------|
| January . . . . .   | 14         | 5          | 17         |
| February . . . . .  | 13         | 4          | 8          |
| March . . . . .     | 14         | 4          | 6          |
| April . . . . .     | 16         | 7          | 7          |
| May . . . . .       | 11         | 8          | 7          |
| June . . . . .      | 10         | 8          | 8          |
| July . . . . .      | 16         | 5          | 12         |
| August . . . . .    | 13         | 8          | 15         |
| September . . . . . | 17         | 6          | 8          |
| October . . . . .   | 14         | 9          | 5          |
| November . . . . .  | 13         | 8          | 2          |
| December . . . . .  | 17         | 6          | 5          |
|                     | <u>168</u> | <u>78</u>  | <u>100</u> |

## BIRTHS.

|                             |           |
|-----------------------------|-----------|
| Number registered . . . . . | 168       |
| Males . . . . .             | 91        |
| Females . . . . .           | <u>77</u> |
|                             | 168       |

Of the above number, 148 were born in Melrose and 20 were born in other places.

|                                                 |          |
|-------------------------------------------------|----------|
| Born of American parents . . . . .              | 97       |
| of foreign parents . . . . .                    | 47       |
| of American father and foreign mother . . . . . | 15       |
| of foreign father and American mother . . . . . | <u>9</u> |
|                                                 | 168      |

## INTENTIONS OF MARRIAGES RECORDED.

|                                             |           |
|---------------------------------------------|-----------|
| Whole number of couples . . . . .           | 68        |
| Both parties residing in Melrose . . . . .  | 34        |
| But one party residing in Melrose . . . . . | <u>34</u> |
|                                             | 68        |



## MARRIAGES.

|                                        |                   |
|----------------------------------------|-------------------|
| Whole number . . . . .                 | 78                |
| More than last year . . . . .          | 12                |
| Both parties American . . . . .        | 46                |
| Both parties foreign . . . . .         | 22                |
| Parties American and foreign . . . . . | 10                |
|                                        | <hr/>             |
|                                        | 78                |
| First marriage of persons . . . . .    | 140               |
| Second marriage of persons . . . . .   | 15                |
| Third marriage of persons . . . . .    | 1                 |
|                                        | <hr/>             |
|                                        | 156 — 78 couples. |

## DEATHS.

|                                                    |       |
|----------------------------------------------------|-------|
| Whole number registered . . . . .                  | 100   |
| Less than last year . . . . .                      | 20    |
| Had residence elsewhere . . . . .                  | 5     |
| Males (married) . . . . .                          | 14    |
| Females (married) . . . . .                        | 16    |
| Widows . . . . .                                   | 13    |
| Widowers . . . . .                                 | 3     |
| Males (single) . . . . .                           | 3     |
| Females (single) . . . . .                         | 4     |
| Male children . . . . .                            | 32    |
| Female children . . . . .                          | 15    |
|                                                    | <hr/> |
|                                                    | 100   |
| Under one year (still-born or premature birth, 14) | 25    |
| From 1 to 5 . . . . .                              | 9     |
| 5 " 10 . . . . .                                   | 7     |
| 10 " 20 . . . . .                                  | 8     |
| 20 " 30 . . . . .                                  | 3     |
| 30 " 40 . . . . .                                  | 6     |
| 40 " 50 . . . . .                                  | 9     |
| 50 " 60 . . . . .                                  | 8     |
| 60 " 70 . . . . .                                  | 9     |
| 70 " 80 . . . . .                                  | 11    |
| 80 " 90 . . . . .                                  | 5     |
|                                                    | <hr/> |
|                                                    | 100   |

## REGISTRATION OF VOTERS, 1886.

### *Males.*

|                                                                              |             |
|------------------------------------------------------------------------------|-------------|
| Total number on register, 1885 . . . . .                                     | 1,145       |
| Erased previous to February 1 (deaths and re-<br>removals) . . . . .         | 14          |
|                                                                              | <hr/> 1,131 |
| Registered in February . . . . .                                             | 17          |
|                                                                              | <hr/> 1,148 |
| Erased in October (deaths, removals, and non-<br>payment of taxes) . . . . . | 117         |
|                                                                              | <hr/> 1,031 |
| Registered in October:                                                       |             |
| New names . . . . .                                                          | 102         |
| Restored . . . . .                                                           | 36          |
|                                                                              | <hr/> 138   |
| Total . . . . .                                                              | <hr/> 1,169 |

### *Females.*

|                                                                                     |          |
|-------------------------------------------------------------------------------------|----------|
| Total number on register, 1885 (entitled to vote<br>for school committee) . . . . . | 66       |
| Registered in February . . . . .                                                    | 2        |
|                                                                                     | <hr/> 68 |
| Erased (death and removal) . . . . .                                                | 2        |
|                                                                                     | <hr/> 66 |
| Total . . . . .                                                                     | 66       |

## JURORS DRAWN DURING THE YEAR.

Jan. 23. Daniel Norton.  
          William H. Stewart.  
Feb. 22. Thomas S. Love.  
          Benjamin Ames.

May 29. James McIntyre.  
Thomas T. Bailey.  
Joseph Wood.  
Deering P. Merrill.  
Oct. 7. Samuel Oakman.  
Moses F. Eastman.  
Abel Willis.  
Edward J. Norris.  
George W. Burke.  
Eugene H. Moore.  
Lorenzo Young.  
Oct. 27. John Q. A. Avery.  
Albon W. Parker.  
Nov. 30. John P. Deering.  
Curtis S. Gordon.

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### MILITARY LIST.

Number of persons liable to do military duty, 1,357.

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### DOG LICENSES.

Total number issued, 385 ; for males, 329, females, 56.  
Paid to county treasurer, \$861.00.

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### ORDERS.

Number of orders drawn on town treasurer, 2,180, for the  
sum of \$70,220.47.

Respectfully submitted,

JOHN LARRABEE,  
*Town Clerk.*

# FINANCIAL STATEMENT.

## SUPPORT OF SCHOOLS.

### TEACHERS' SALARIES.

#### HIGH SCHOOL.

|                                 |   |          |   |                   |
|---------------------------------|---|----------|---|-------------------|
| Alonzo G. Whitman, ten months   | . | .        | . | \$1,700 00        |
| Clarimond Mansfield, six months | . | \$360 00 |   |                   |
| " " four months                 | . | 250 00   |   |                   |
|                                 |   |          |   | <u>610 00</u>     |
| Hattie G. Ricker, six months    | . | \$330 00 |   |                   |
| " " four months                 | . | 230 00   |   |                   |
|                                 |   |          |   | <u>560 00</u>     |
|                                 |   |          |   | <u>\$2,870 00</u> |

#### GRAMMAR SCHOOLS.

##### FIRST.

|                                  |   |          |   |                   |
|----------------------------------|---|----------|---|-------------------|
| Harriet C. Fairbanks, six months | . | \$480 00 |   |                   |
| " " four months                  | . | 360 00   |   |                   |
|                                  |   |          |   | <u>\$840 00</u>   |
| Nellie H. Rogers, ten months     | . | .        | . | 500 00            |
|                                  |   |          |   | <u>\$1,340 00</u> |

##### SECOND.

|                            |   |   |   |                   |
|----------------------------|---|---|---|-------------------|
| Lucy W. Bisbee, ten months | . | . | . | \$550 00          |
| Alice M. Swett, ten months | . | . | . | 550 00            |
|                            |   |   |   | <u>\$1,100 00</u> |

##### THIRD.

|                              |   |   |   |                   |
|------------------------------|---|---|---|-------------------|
| Susan D. Melcher, ten months | . | . | . | \$550 00          |
| Helen J. Barrett, ten months | . | . | . | 550 00            |
|                              |   |   |   | <u>\$1,100 00</u> |

##### MIXED.

|                          |   |   |          |                 |
|--------------------------|---|---|----------|-----------------|
| Lydia Mendum, six months | . | . | \$315 00 |                 |
| " " four months          | . | . | 220 00   |                 |
|                          |   |   |          | <u>\$535 00</u> |

## FOURTH.

|                                           |            |
|-------------------------------------------|------------|
| Mary J. George, ten months . . . .        | \$500 00   |
| Kate W. Bascom, ten months . . . .        | 500 00     |
| Belle Mitchell, two months . . . \$100 00 |            |
| "    "    one month . . . . 47 50         |            |
|                                           | <hr/>      |
|                                           | 147 50     |
|                                           | <hr/>      |
|                                           | \$1,147 50 |

## INTERMEDIATE SCHOOLS.

|                                            |            |
|--------------------------------------------|------------|
| Belle Mitchell, seven months . . . .       | \$315 00   |
| Mary A. Plummer, two and a half months . . | 112 50     |
| Alice H. Long, ten months . . . .          | 500 00     |
| Effie C. Sweetser, ten months . . . .      | 450 00     |
| Lilla J. Davis, ten months . . . .         | 450 00     |
| Alma J. Guptill, ten months . . . .        | 475 00     |
|                                            | <hr/>      |
|                                            | \$2,302 50 |

## PRIMARY AND MIXED SCHOOLS.

|                                                |            |
|------------------------------------------------|------------|
| Lucy F. Dermot, ten months . . . .             | \$500 00   |
| Mary I. Hersey, ten months, . . . .            | 500 00     |
| Ella M. Donkin, six months . . . \$270 00      |            |
| "    "    four months . . . . 200 00           |            |
|                                                | <hr/>      |
|                                                | 470 00     |
| Mary E. Nye, ten months . . . .                | 450 00     |
| Hannah J. Gibbons, ten months . . . .          | 450 00     |
| Annie M. Ransom, ten months . . . .            | 400 00     |
| Maria P. Hood, seven months . . . .            | 315 00     |
| Emma L. Randlett, six months . . . \$270 00    |            |
| "    "    four months . . . . 200 00           |            |
|                                                | <hr/>      |
|                                                | 470 00     |
| Gertrude Smith, six months . . . .             | 240 00     |
| Marion H. Morgan, two and a half months .      | 112 50     |
| Anna B. Chadbourne, two months and twelve days | 117 00     |
| Mary M. Parker, assistant . . . .              | 18 00      |
| Hattie Lane, assistant . . . .                 | 20 00      |
|                                                | <hr/>      |
|                                                | \$4,062 50 |

## MUSIC AND DRAWING.

|                                    |          |
|------------------------------------|----------|
| Harry Benson, ten months . . . . . | \$350 00 |
| Wallace Bryant . . . . .           | 37 50    |
|                                    | <hr/>    |
|                                    | \$387 50 |

## JANITORS' SALARIES.

|                                                   |            |
|---------------------------------------------------|------------|
| F. M. McLaughlin (High School building) . . . . . | \$322 00   |
| Charles T. Stevens (Centre) . . . . .             | 174 96     |
| Charles F. Valentine (Grove Street) . . . . .     | 14 58      |
| James A. Lambert (Grove Street) . . . . .         | 160 38     |
| Charles H. Fuller (Franklin Street) . . . . .     | 155 20     |
| William F. Serrat (Lynde Street) . . . . .        | 99 96      |
| Anthony A. Rich (Vinton Street) . . . . .         | 106 21     |
| Eri Upham (Upham Street) . . . . .                | 60 00      |
| Joseph S. Emerson (Fells) . . . . .               | 86 64      |
| John Davis (Swain's Pond Avenue) . . . . .        | 12 50      |
|                                                   | <hr/>      |
|                                                   | \$1,192 43 |

## SCHOOL COMMITTEE'S SALARIES, 1885-1886.

|                               |          |
|-------------------------------|----------|
| Clifton Fletcher . . . . .    | \$75 00  |
| Thomas W. Ripley . . . . .    | 50 00    |
| S. R. Winchell . . . . .      | 50 00    |
| Mrs. A. K. Miller . . . . .   | 50 00    |
| Mrs. S. W. Bradbury . . . . . | 50 00    |
| Mrs. M. A. Adams . . . . .    | 50 00    |
|                               | <hr/>    |
|                               | \$325 00 |

## SCHOOL SUPPLIES.

|                                               |          |
|-----------------------------------------------|----------|
| Mrs. A. K. Miller, disbursing agent . . . . . | \$125 04 |
|-----------------------------------------------|----------|

## FUEL.

|                                       |            |
|---------------------------------------|------------|
| S. E. Benson, wood and coal . . . . . | \$896 63   |
| M. F. Eastman " " " . . . . .         | 293 40     |
| John McCarthy, charcoal . . . . .     | 37 50      |
|                                       | <hr/>      |
|                                       | \$1,227 53 |

## RECAPITULATION.

|                                |             |
|--------------------------------|-------------|
| Teachers' salaries . . . . .   | \$14,845 00 |
| Janitors' " . . . . .          | 1,192 43    |
| Committee's " . . . . .        | 325 00      |
| Supply agent, salary . . . . . | 125 04      |
| Fuel . . . . .                 | 1,227 53    |

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\$17,715 00

## CONTRA.

|                         |             |
|-------------------------|-------------|
| Appropriation . . . . . | \$18,000 00 |
|-------------------------|-------------|

*Receipts.*

|                                   |       |
|-----------------------------------|-------|
| From Commonwealth . . . . .       | 64 49 |
| For tuition of children . . . . . | 23 50 |

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\$18,087 99

|                              |        |
|------------------------------|--------|
| Balance unexpended . . . . . | 372 99 |
|------------------------------|--------|

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\$18,087 99

## SCHOOL CONTINGENT EXPENSES.

## EXPENDED.

*Books, Stationery, Supplies, etc.*

|                                     |        |
|-------------------------------------|--------|
| Ginn & Co. . . . .                  | \$8 02 |
| Van Antwerp, Bragg & Co. . . . .    | 10 92  |
| Carroll W. Clark . . . . .          | 12 25  |
| M. T. Rogers . . . . .              | 70 00  |
| John Allyn . . . . .                | 7 50   |
| Willard Small . . . . .             | 3 24   |
| Frost & Adams . . . . .             | 3 70   |
| F. M. Ambrose . . . . .             | 35 95  |
| Pulsifer, Jordan & Pfaff . . . . .  | 101 18 |
| J. L. Hammett . . . . .             | 40 45  |
| C. E. Whiting . . . . .             | 41 60  |
| Prang Educational Company . . . . . | 93 32  |
| Cowperthwait & Co. . . . .          | 14 84  |

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*Amount carried forward . . . . .* \$442 97



|                                    |            |
|------------------------------------|------------|
| <i>Amount brought forward</i>      | \$42 97    |
| Estes & Lauriat . . . . .          | 2 67       |
| Lee & Shepard . . . . .            | 2 45       |
| Harrison Hume . . . . .            | 21 00      |
| S. R. Winchell & Co. . . . .       | 20 90      |
| F. H. Gilson . . . . .             | 117 48     |
| Harper & Brothers . . . . .        | 42 81      |
| Leach, Shewell & Sanborn . . . . . | 28 05      |
| Thompson, Brown & Co. . . . .      | 42 49      |
| D. Appleton & Co . . . . .         | 198 38     |
| Geo. F. King & Merrill . . . . .   | 159 05     |
| Maynard & Noyes . . . . .          | 33 75      |
| Adams & Ingraham . . . . .         | 93 06      |
| Knight, Adams & Co. . . . .        | 110 13     |
| C. H. Whiting . . . . .            | 41 23      |
| Wm. Ware & Co. . . . .             | 97 32      |
|                                    | <hr/>      |
|                                    | \$1,453 74 |

## GENERAL REPAIRS, BUILDINGS, GROUNDS, ETC.

*Carpenters, Masons, Painters, and others, Stock and Labor.*

|                                                      |          |
|------------------------------------------------------|----------|
| D. R. Woodward, carpenter . . . . .                  | \$53 13  |
| A. A. Rich, " . . . . .                              | 16 88    |
| O. E. Drown, " . . . . .                             | 135 60   |
| E. N. Sargent, " . . . . .                           | 5 65     |
| W. H. Stewart, " . . . . .                           | 57 51    |
| Edson E. Oliver, " . . . . .                         | 25 00    |
| J. W. Hunewill, " . . . . .                          | 4 13     |
| John Flynn, " . . . . .                              | 4 00     |
| A. E. Upham, " . . . . .                             | 18 70    |
| J. P. Deering, lumber . . . . .                      | 48 79    |
| C. S. Parker & Sons, repairing slate roofs . . . . . | 53 03    |
| W. Emery & Co., window . . . . .                     | 1 50     |
| Levi Boles & Son, outside windows . . . . .          | 20 00    |
| J. H. Patterson, mason . . . . .                     | 136 55   |
| Samuel Ellison, " . . . . .                          | 68 98    |
|                                                      | <hr/>    |
| <i>Amount carried forward</i>                        | \$649 45 |

|                                              |          |
|----------------------------------------------|----------|
| <i>Amount brought forward</i>                | \$649 45 |
| Robert Gibbons                               | 35 00    |
| E. B. Spaulding, brick                       | 47 80    |
| R. A. Reeder, painter                        | 228 90   |
| A. W. Parker, painter                        | 63 53    |
| F. T. & C. E. Palmer, painter                | 12 87    |
| C. T. Stevens, repairs                       | 1 15     |
| J. A. Tanner, grading (Swain's Pond)         | 30 95    |
| Thos. Kerwin & Co., cleaning vaults          | 6 00     |
| J. C. Howes, repairs, stoves, furnaces, etc. | 851 07   |

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\$1,926 72

*Furniture.*

|                                            |          |
|--------------------------------------------|----------|
| Carroll W. Clark, desk and chairs          | \$187 50 |
| Michigan School Furniture Company          | 70 50    |
| F. M. Holmes Furniture Company, desks      | 87 50    |
| F. A. Walker & Co., andirons, fender, etc. | 16 42    |
| J. B. Souther & Co, mats                   | 45 60    |
| A. H. Andrews & Co., desks and stools      | 118 00   |
| A. G. Whitcomb, desks, braces, etc.        | 23 00    |
| J. L. Hammett, sundries                    | 15 10    |

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\$563 62

*Printing.*

|                              |         |
|------------------------------|---------|
| Babb & Stephens, programmes  | \$11 00 |
| T. W. Ripley, reports        | 16 00   |
| W. L. Williams, labels, etc. | 9 50    |

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\$36 50

*Sundries.*

|                            |         |
|----------------------------|---------|
| Harry Stevens, expressing  | \$50 61 |
| W. E. Locke, "             | 6 00    |
| J. H. L. Anderson, "       | 40      |
| Bugbee & Barrett, sundries | 33 99   |
| D. M. White, tuning piano  | 3 50    |
| Geo. Bemis                 | 8 00    |

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*Amount carried forward* \$102 50

|                                           |          |
|-------------------------------------------|----------|
| <i>Amount brought forward</i>             | \$102 50 |
| Thos. Ireland, cleaning clocks            | 10 00    |
| Geo. P. Reed, " "                         | 3 50     |
| A. H. Andrews, clock                      | 5 00     |
| M. S. Page, " "                           | 5 00     |
| L. W. Gilman, step ladder, etc.           | 1 40     |
| E. T. Collins, repairing locks            | 4 10     |
| J. H. Daniels, diplomas                   | 19 80    |
| C. G. Harris, ribbons and silesia         | 7 70     |
| E. M. Donkin, filling diplomas            | 4 50     |
| E. Thayer, conveying children             | 24 50    |
| C. T. Stevens, truant officer             | 2 00     |
| F. M. McLaughlin, " "                     | 2 00     |
| John Larrabee, chemicals, etc.            | 4 45     |
| E. M. Donkin, expense                     | 3 36     |
| E. L. Randlett, " "                       | 3 30     |
| J. W. Davis, cleaning rooms               | 2 50     |
| Eri Upham, " "                            | 3 00     |
| Melrose Orchestra, services               | 5 00     |
| S. P. Rowell, ruling slates, etc.         | 10 10    |
| J. W. Ripley, binding books               | 9 65     |
| Joseph Breck & Son, wheelbarrow           | 3 75     |
| O. Lappen & Co., brooms, brushes, dusters | 53 97    |
| Melrose Improvement Society, trees        | 12 00    |
| Cyclostyle Company, plans                 | 2 00     |
|                                           | <hr/>    |
|                                           | 305 08   |

## RECAPITULATION.

|                                   |            |
|-----------------------------------|------------|
| Books, stationery, supplies, etc. | \$1,453 74 |
| General repairs                   | 1,926 72   |
| Furniture                         | 563 62     |
| Printing                          | 36 50      |
| Sundries                          | 305 08     |
|                                   | <hr/>      |
|                                   | \$4,285 66 |

## CONTRA.

|                                    |            |
|------------------------------------|------------|
| Appropriation . . . . .            | \$2,500 00 |
| "    books, supplies, etc. . . . . | 1,250 00   |
| Received for books sold . . . . .  | 10 17      |
|                                    | <hr/>      |
|                                    | \$3,760 17 |
| Deficiency . . . . .               | 525 49     |
|                                    | <hr/>      |
|                                    | \$4,285 66 |

## CONTINGENT EXPENSES.

|                         |            |
|-------------------------|------------|
| Appropriation . . . . . | \$1,200 00 |
|-------------------------|------------|

## RECEIPTS.

For auctioneers' licenses :—

|                                                          |        |            |
|----------------------------------------------------------|--------|------------|
| J. R. Jones . . . . .                                    | \$2 00 |            |
| G. W. Farnsworth . . . . .                               | 2 00   |            |
| S. A. Lovejoy . . . . .                                  | 2 00   |            |
| Moses Briggs . . . . .                                   | 2 00   |            |
|                                                          | <hr/>  | 8 00       |
| Henry Barron, for oleomargarine license . . . . .        |        | 50         |
| Crystal Lake Fishing Association, rent of pond . . . . . |        | 10 00      |
|                                                          |        | <hr/>      |
|                                                          |        | \$1,218 50 |

## EXPENDED.

|                                                                                        |                 |
|----------------------------------------------------------------------------------------|-----------------|
| W. L. Williams, printing warrants, notices, voting<br>lists, advertising, etc. . . . . | \$165 16        |
| T. W. Ripley, printing reports, 1885 . . . . .                                         | 300 93          |
| T. W. Ripley, printing book for assessors . . . . .                                    | 11 00           |
| A. W. Haskell, printing tax collector's book . . . . .                                 | 7 00            |
| A. B. Pierce, distributing warrants and services at<br>meetings . . . . .              | 54 00           |
| A. B. Pierce, serving notices and dog warrant . . . . .                                | 12 00           |
| Geo. C. Stantial, clerical service for selectmen . . . . .                             | 25 00           |
| H. B. Newhall, posting notices . . . . .                                               | 3 00            |
|                                                                                        | <hr/>           |
| <i>Amount carried forward . . . . .</i>                                                | <i>\$578 09</i> |

|                                                                                         |          |
|-----------------------------------------------------------------------------------------|----------|
| <i>Amount brought forward</i>                                                           | \$578 09 |
| O. E. Drown, posting voting lists                                                       | 2 75     |
| F. McLaughlin, ringing bell                                                             | 6 00     |
| Samuel Lear, " "                                                                        | 2 00     |
| O. E. Drown, " "                                                                        | 6 00     |
| C. T. Stevens, " "                                                                      | 6 00     |
| George Fogg, " "                                                                        | 4 00     |
| L. M. Ham & Co., iron signs                                                             | 5 44     |
| Geo. H. Crockett, signs                                                                 | 4 00     |
| T. W. Barrett, lettering signs                                                          | 9 20     |
| E. Howard Watch and Clock Company, repairing clock                                      | 10 27    |
| John Larrabee, collecting, recording, and returning births, deaths, and marriages, 1885 | 98 90    |
| John Larrabee, preparing annual reports, 1885                                           | 40 00    |
| John Larrabee, expense stationery and postage                                           | 3 90     |
| J. Garfield, M. D., returning births                                                    | 50       |
| A. M. Selee, M. D., " "                                                                 | 4 75     |
| C. B. Shute, M. D., " "                                                                 | 75       |
| C. C. Odlin, M. D., " "                                                                 | 9 00     |
| S. A. Kimball, M. D., " "                                                               | 3 00     |
| J. V. Smith, M. D., " "                                                                 | 2 25     |
| A. H. Cowdrey, M. D., " "                                                               | 2 00     |
| J. S. Clark, M. D., " "                                                                 | 4 25     |
| G. B. Langmaid, M. D., " "                                                              | 2 00     |
| W. E. Locke, expressing                                                                 | 1 25     |
| Eastman's Express, "                                                                    | 1 60     |
| Cunningham's Express, expressing                                                        | 30       |
| J. O. Goodwin, surveying                                                                | 5 00     |
| Walter C. Stevens, surveying and plans                                                  | 87 50    |
| Geo. F. King & Merrill, record books and stationery                                     | 18 37    |
| T. King & W. H. West, padlock and lantern                                               | 1 25     |
| A. W. Mitchell, badges "Forest Firewards"                                               | 5 00     |
| D. R. Woodward, stock and labor for railing                                             | 7 00     |
| Howe & French, chemicals (Board of Health)                                              | 4 35     |
| John Larrabee, " " "                                                                    | 55       |
| <i>Amount carried forward</i>                                                           | \$937 22 |

|                                                                   |            |
|-------------------------------------------------------------------|------------|
| <i>Amount brought forward</i> . . . . .                           | \$937 22   |
| O. E. Drown, services (by direction of Board of Health) . . . . . | 33 60      |
| Susan M. Godbold, settlement of claim . . . . .                   | 25 00      |
| F. M. Holmes Furniture Company, book-case . . . . .               | 65 00      |
| Geo. W. Bartlett, carriage hire . . . . .                         | 12 50      |
| H. G. Fields, Jr., cleaning drinking fountain . . . . .           | 11 00      |
| Bugbee & Barrett, sundries . . . . .                              | 1 97       |
| George Newhall, expense postage . . . . .                         | 6 00       |
| Clerk of courts, entry of petition . . . . .                      | 1 40       |
| A. B. Pierce, distributing health regulations . . . . .           | 12 00      |
| A. B. Pierce, returning deaths, 1886 . . . . .                    | 17 75      |
| P. J. McMahon, " " " . . . . .                                    | 1 00       |
| H. B. Jacobs, " " " . . . . .                                     | 1 75       |
| A. G. Jewett, " " " . . . . .                                     | 1 75       |
| Geo. W. Dew, painting . . . . .                                   | 3 75       |
| A. L. Maclachlan, repairing harness . . . . .                     | 6 50       |
| D. R. Woodward, dressing for Town Hall lot . . . . .              | 15 00      |
| O. E. Drown, care of lock-up . . . . .                            | 25 00      |
|                                                                   | <hr/>      |
|                                                                   | \$1,178 19 |

## RECAPITULATION.

|                              |            |
|------------------------------|------------|
| Appropriation . . . . .      | \$1,200 00 |
| Receipts . . . . .           | 18 50      |
|                              | <hr/>      |
|                              | \$1,218 50 |
| Expended . . . . .           | \$1,178 19 |
| Balance unexpended . . . . . | 40 31      |
|                              | <hr/>      |
|                              | \$1,218 50 |

## SUPPORT OF POOR.

## EXPENDED.

*For Groceries, Provisions, Supplies, etc.*

|                                         |          |
|-----------------------------------------|----------|
| Bugbee & Barrett . . . . .              | \$155 72 |
| L. F. Hinckley . . . . .                | 122 25   |
| Frost & Hawes . . . . .                 | 55 25    |
|                                         | <hr/>    |
| <i>Amount carried forward</i> . . . . . | \$333 22 |

|                               |          |
|-------------------------------|----------|
| <i>Amount brought forward</i> | \$333 22 |
| James Worthen . . . . .       | 150 08   |
| L. W. Gilman . . . . .        | 25 00    |
| J. A. Dill . . . . .          | 20 93    |
| W. H. Wells . . . . .         | 6 00     |
| Lawrence Leonard . . . . .    | 156 00   |
| A. M. Smith, milk . . . . .   | 12 96    |
| F. W. Favor, " . . . . .      | 6 30     |
|                               | <hr/>    |
|                               | \$710 49 |

*Fuel.*

|                            |          |
|----------------------------|----------|
| S. E. Benson . . . . .     | \$130 60 |
| Fred Skinner . . . . .     | 9 00     |
| M. F. Eastman . . . . .    | 26 25    |
| James Marshall . . . . .   | 74 64    |
| Lawrence Leonard . . . . . | 7 50     |
|                            | <hr/>    |
|                            | \$247 99 |

*Medical Attendance, Medicines, and Nursing.*

|                                                 |          |
|-------------------------------------------------|----------|
| J. S. Clark, M. D. . . . .                      | \$99 00  |
| F. H. Morse, M. D. . . . .                      | 4 50     |
| C. W. Hackett, M. D. . . . .                    | 5 00     |
| J. V. Smith, M. D. . . . .                      | 12 00    |
| L. W. Rockwell, Jr., & Co., medicines . . . . . | 3 00     |
| John Larrabee, medicines . . . . .              | 27 45    |
| Michael Kelly, services . . . . .               | 12 00    |
| Charity Elms, nursing . . . . .                 | 10 00    |
| Margaret Walden, nursing . . . . .              | 30 50    |
| Peter McNally, services . . . . .               | 3 00     |
| Mrs. M. J. Orcutt, board and nursing . . . . .  | 143 41   |
| Mrs. A. M. Grover, nursing . . . . .            | 20 00    |
|                                                 | <hr/>    |
|                                                 | \$369 86 |

*For Support of Insane.*

|                                        |          |
|----------------------------------------|----------|
| Worcester Lunatic Hospital . . . . .   | \$428 44 |
| Northampton Lunatic Hospital . . . . . | 145 74   |
| Asylum for Chronic Insane . . . . .    | 129 33   |
|                                        | <hr/>    |
| <i>Amount carried forward</i>          | \$703 51 |



|                                  |          |
|----------------------------------|----------|
| <i>Amount brought forward</i>    | \$703 51 |
| Danvers Lunatic Hospital         | 771 98   |
| Commonwealth, "Tewksbury Asylum" | 126 75   |
| A. B. Pierce, removing persons   | 15 50    |
| F. M. McLaughlin                 | 2 82     |

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\$1,620 62

*Burial Expenses.*

|                    |         |
|--------------------|---------|
| A. B. Pierce & Son | \$44 00 |
|--------------------|---------|

*Outside Relief.*

|                |          |
|----------------|----------|
| City of Malden | \$563 60 |
| " " Lynn       | 129 50   |
| " " Boston     | 15 70    |
| " " Lowell     | 53 56    |

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\$762 36

*Board and Clothing.*

|                                                 |          |
|-------------------------------------------------|----------|
| E. J. Barron, one year                          | \$156 00 |
| Mrs. James Forbes, 38 weeks, 4 days             | 77 12    |
| Mary D. Ellis, 39 weeks                         | 78 00    |
| S. M. M. McLoon, 62 weeks                       | 186 03   |
| Florence E. Upham, 60 weeks                     | 60 00    |
| " " clothing                                    | 23 50    |
| Massachusetts School for Feeble Minded, 1 week, | 3 25     |
| St. Vincent's Asylum, one year                  | 72 00    |

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\$655 90

*Rents.*

|                               |         |
|-------------------------------|---------|
| George M. Rogers, 4 months    | \$32 00 |
| Frederick W. Rogers, 8 months | 64 00   |
| Cynthia Howard, 8 months      | 24 00   |
| Cynthia Hawkes, 3 months      | 9 00    |
| John E. McGlinn, 2 months     | 16 00   |
| John W. Cobb, 1 year          | 48 00   |
| Est. C. A. Green, 1 month     | 6 00    |
| Thos D. Watson, 3 months      | 12 00   |
| George F. Boardman, 2 months  | 12 00   |
| B. R. Upham, 43 weeks         | 64 50   |

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\$287 50

*Sundries.*

|                                                      |          |
|------------------------------------------------------|----------|
| C. G. Harris, dry goods . . . . .                    | \$4 11   |
| John M. Fisk, Master House of Correction . . . . .   | 24 86    |
| O. E. Drown, meals to tramps and prisoners . . . . . | 24 25    |
| George W. Bartlett, teams . . . . .                  | 19 50    |
| Franklin Waitt, cash allowance . . . . .             | 5 50     |
| Isabella Nelson, cash allowance, 30 weeks . . . . .  | 45 00    |
| F. R. Upham, moving furniture . . . . .              | 2 00     |
| A. B. Pierce, removing sick person . . . . .         | 8 00     |
| H. G. Fields, boots, shoes, and repairs . . . . .    | 161 31   |
| H. G. Fields, cash paid . . . . .                    | 33 00    |
|                                                      | <hr/>    |
|                                                      | \$327 53 |

## RECAPITULATION.

|                                               |            |
|-----------------------------------------------|------------|
| Groceries, provisions, and supplies . . . . . | \$710 49   |
| Fuel . . . . .                                | 247 99     |
| Medical attendance and medicine . . . . .     | 369 86     |
| Insane . . . . .                              | 1,620 62   |
| Burial expenses . . . . .                     | 44 00      |
| Outside relief . . . . .                      | 762 36     |
| Board and clothing . . . . .                  | 655 90     |
| Rents . . . . .                               | 287 50     |
| Sundries . . . . .                            | 327 53     |
|                                               | <hr/>      |
|                                               | \$5,026 25 |

## CONTRA.

|                         |            |
|-------------------------|------------|
| Appropriation . . . . . | \$4,500 00 |
|-------------------------|------------|

*Receipts.*

|                                              |            |
|----------------------------------------------|------------|
| From Commonwealth of Massachusetts . . . . . | 26 84      |
| City of Somerville . . . . .                 | 31 00      |
| Town of Beverly . . . . .                    | 197 88     |
| “ Middletown . . . . .                       | 79 50      |
| “ Warren . . . . .                           | 31 00      |
| “ Falmouth . . . . .                         | 33 02      |
| Peter Edgerly . . . . .                      | 126 75     |
| For old furniture sold . . . . .             | 20 50      |
|                                              | <hr/>      |
|                                              | \$5,046 49 |
| Balance unexpended . . . . .                 | 20 24      |
|                                              | <hr/>      |

## STATE AID.

Received from State on account of amount paid  
during the year 1885 . . . . . \$788 00

PAID DISABLED SOLDIERS AND DEPENDENT RELATIVES  
DURING YEAR 1886.

|                             |          |
|-----------------------------|----------|
| Samuel Sprague . . . . .    | \$15 00  |
| George C. Bucknam . . . . . | 28 00    |
| William Story . . . . .     | 48 00    |
| George A. Tainter . . . . . | 15 00    |
| Daniel D. Penney . . . . .  | 48 00    |
| Harriet N. Lynde . . . . .  | 12 00    |
| Sarah Barrett . . . . .     | 48 00    |
| Mary F. Howard . . . . .    | 48 00    |
| Maria G. Colson . . . . .   | 48 00    |
| Helen E. Poole . . . . .    | 48 00    |
| Alvin Drake . . . . .       | 36 00    |
| Charles H. Young . . . . .  | 58 00    |
| Benjamin F. Gibbs . . . . . | 48 00    |
| Ann M. Jewett . . . . .     | 46 00    |
| Sarah P. Roberts . . . . .  | 20 00    |
| Rebecca H. French . . . . . | 48 00    |
| John H. Guild . . . . .     | 34 00    |
| George E. Searle . . . . .  | 6 00     |
|                             | <hr/>    |
|                             | \$654 00 |

## MILITARY AID.

Received from State on account of aid paid  
in 1885 . . . . . \$251 00

[Sums paid under provisions Chap. 252, Acts of  
1879. One half refunded by the State.]

|                            |       |
|----------------------------|-------|
| George W. Grover . . . . . | 68 00 |
| Lawrence Reardon . . . . . | 96 00 |
| Ede K. Chase . . . . .     | 72 00 |
| William B. York . . . . .  | 10 00 |

*Amount carried forward* . . . . . \$316 00

|                               |   |   |   |   |   |   |          |
|-------------------------------|---|---|---|---|---|---|----------|
| <i>Amount brought forward</i> |   |   |   |   |   |   | \$316 00 |
| Horace W. Stevens             | . | . | . | . | . | . | 72 00    |
| William A. Johnson            | . | . | . | . | . | . | 42 00    |
| Benjamin F. York              | . | . | . | . | . | . | 60 00    |
| Edwin H. Downing              | . | . | . | . | . | . | 12 00    |
| Charles S. Jones              | . | . | . | . | . | . | 30 00    |
|                               |   |   |   |   |   |   | <hr/>    |
|                               |   |   |   |   |   |   | \$532 00 |

## FIRE DEPARTMENT.

|               |   |   |   |   |   |   |            |
|---------------|---|---|---|---|---|---|------------|
| Appropriation | . | . | . | . | . | . | \$2,400 00 |
|---------------|---|---|---|---|---|---|------------|

## EXPENDED.

*Contingent Expenses.*

|                                                     |   |   |   |   |   |   |          |
|-----------------------------------------------------|---|---|---|---|---|---|----------|
| W. H. Turner, 1,150 feet, 2½-inch R. L. cotton hose | . | . | . | . | . | . | \$815 00 |
| W. H. Turner, 100 feet ¾ inch hose                  | . | . | . | . | . | . | 14 00    |
| Engineer's services, one year                       | . | . | . | . | . | . | 75 00    |
| Edwards Bros., wheels and tires                     | . | . | . | . | . | . | 24 00    |
| Harry Stevens, expressing                           | . | . | . | . | . | . | 8 75     |
| T. H. Tyzzer, painting two-wheel carriage           | . | . | . | . | . | . | 10 00    |
|                                                     |   |   |   |   |   |   | <hr/>    |
|                                                     |   |   |   |   |   |   | \$946 75 |

*Bigelow Hook and Ladder Company, No. 1.*

|                                    |   |   |   |   |   |   |          |
|------------------------------------|---|---|---|---|---|---|----------|
| Services of men, one year          | . | . | . | . | . | . | \$300 00 |
| Services of steward, one year      | . | . | . | . | . | . | 40 00    |
| Edwards Bros., repairs             | . | . | . | . | . | . | 7 00     |
| M. F. Eastman, coal                | . | . | . | . | . | . | 2 75     |
| Bugbee & Barrett, oil              | . | . | . | . | . | . | 50       |
| Bay State Belting Company, matting | . | . | . | . | . | . | 5 60     |
| Wadsworth, Howland & Co., paint    | . | . | . | . | . | . | 4 50     |
| Harry Stevens, horse hire          | . | . | . | . | . | . | 30 40    |
|                                    |   |   |   |   |   |   | <hr/>    |
|                                    |   |   |   |   |   |   | \$390 75 |

*Russell Hose Company, No. 1.*

|                               |   |   |   |   |   |   |          |
|-------------------------------|---|---|---|---|---|---|----------|
| Services of men, one year     | . | . | . | . | . | . | \$200 00 |
| Services of steward, one year | . | . | . | . | . | . | 40 00    |
| G. W. Bartlett, horse hire    | . | . | . | . | . | . | 19 00    |
| Edwards Bros., repairs        | . | . | . | . | . | . | 5 70     |
|                               |   |   |   |   |   |   | <hr/>    |
| <i>Amount carried forward</i> | . | . | . | . | . | . | \$264 70 |

|                                                                 |          |
|-----------------------------------------------------------------|----------|
| <i>Amount brought forward</i> . . . . .                         | \$264 70 |
| Malden & Melrose Gas Light Company, 6,600<br>feet gas . . . . . | 15 48    |
| A. W. Parker, glazing . . . . .                                 | 1 50     |
| S. E. Benson, coal . . . . .                                    | 17 50    |
| M. F. Eastman, wood and coal . . . . .                          | 20 80    |
| H. B. Covell, painting . . . . .                                | 2 50     |
| Bugbee & Barrett, duster, etc. . . . .                          | 2 93     |
| A. J. Morse & Son, hydrant gate . . . . .                       | 10 00    |
|                                                                 | <hr/>    |
|                                                                 | \$335 41 |

*N. D. Blake Hose Company, No. 2.*

|                                                                 |          |
|-----------------------------------------------------------------|----------|
| Services of men, one year . . . . .                             | \$196 66 |
| Services of steward, one year . . . . .                         | 40 00    |
| Horse hire . . . . .                                            | 16 00    |
| L. W. Gilman, rent, nine months . . . . .                       | 112 50   |
| Malden & Melrose Gas Light Company, 2,300<br>feet gas . . . . . | 5 56     |
| A. W. Parker, glazing . . . . .                                 | 4 00     |
| M. F. Eastman, coal . . . . .                                   | 6 95     |
| Lemuel Merrill, repairing locks and keys . . . . .              | 1 35     |
| A. J. Morse & Son, pipe, caps, etc. . . . .                     | 15 00    |
| Scrannage Bros. & Cook, repairing nozzle . . . . .              | 1 75     |
|                                                                 | <hr/>    |
|                                                                 | \$399 77 |

*Highland Hose Company, No. 3.*

|                                                      |          |
|------------------------------------------------------|----------|
| Services of men, one year . . . . .                  | \$203 33 |
| Services of steward, one year . . . . .              | 40 00    |
| Horse hire . . . . .                                 | 2 00     |
| Sam'l Lear, stock and labor on shed . . . . .        | 12 37    |
| G. P. Reed, cleaning clock . . . . .                 | 1 00     |
| Churchill & Robinson, expressing . . . . .           | 1 35     |
| Joseph Edwards, repairs, carriage and sled . . . . . | 7 50     |
| James F. Cushing, painting rooms . . . . .           | 35 00    |
| S. E. Benson, wood and coal . . . . .                | 17 50    |
| John Singer, Jr., sundries . . . . .                 | 8 73     |
| Andrew Maclachlan, breast plate and straps . . . . . | 5 00     |
| Harry Stevens, horse hire . . . . .                  | 3 00     |
|                                                      | <hr/>    |
|                                                      | \$336 78 |

## RECAPITULATION.

|                                |            |
|--------------------------------|------------|
| Contingent expenses . . . .    | \$946 75   |
| Bigelow H. & L. Company . . .  | 390 75     |
| Russell Hose Company . . . .   | 335 41     |
| N. D. Blake Hose Company . . . | 399 77     |
| Highland Hose Company . . . .  | 336 78     |
|                                | <hr/>      |
|                                | \$2,409 46 |

## CONTRA.

|                                 |            |            |
|---------------------------------|------------|------------|
| Appropriation . . . . .         | \$2,400 00 |            |
| Received for condemned hose . . | 24 00      |            |
| Balance unexpended . . . . .    | 14 54      |            |
|                                 | <hr/>      |            |
|                                 | \$2,424 00 | \$2,424 00 |

## TOWN HALL.

## EXPENDED.

*Repairs, Re-arranging Anterooms, Ventilation, etc.*

|                                                         |            |
|---------------------------------------------------------|------------|
| For scrubbing and cleaning wood-work, 242 $\frac{1}{2}$ |            |
| hours, at 17 cents . . . . .                            | \$41 23    |
| Howe & French, potash, ammonia, etc. . .                | 35 61      |
| J. P. Deering, lumber . . . . .                         | 144 21     |
| D. R. Woodward, stock and labor . . .                   | 984 64     |
| Watson & Bisbee, stairs, rear entrance . .              | 300 00     |
| James Marshall, labor, setting foundation for           |            |
| stairs . . . . .                                        | 18 02      |
| Wheeler Reflector Company, lantern . . .                | 6 65       |
| J. C. Howes, plumbing and repairs . . .                 | 331 62     |
| Samuel Ellison, mason work and material . .             | 115 92     |
| George W. Dew, painting, frescoing, etc., stock         |            |
| and labor . . . . .                                     | 754 80     |
| Berry Brothers, 45 gallons varnish . . .                | 90 00      |
| John Flynn, painting, stock, labor (Engineer's room)    | 34 00      |
| R. Sherburne & Co., glass . . . . .                     | 14 92      |
| Thos. F. Egan, redecorating hall . . . .                | 38 50      |
|                                                         | <hr/>      |
| <i>Amount carried forward . . . . .</i>                 | \$2,910 12 |

|                                                                    |            |
|--------------------------------------------------------------------|------------|
| <i>Amount brought forward</i> . . . .                              | \$2,910 12 |
| F. P. Baker & Co., mouldings . . . .                               | 3 96       |
| Samuel F. Oliver, gas pipe and fitting . .                         | 23 00      |
| A. B. Franklin, steam fitting, stock, etc. . .                     | 256 08     |
| J. H. Gately, fly doors and repairs . . . .                        | 21 13      |
| Tuttle & Bailey Mfg. Company, eight-foot ventila-<br>tor . . . . . | 24 00      |
|                                                                    | <hr/>      |
|                                                                    | \$3,238 29 |

*Incidental, or Running Expenses.*

|                                                                                                                                                                             |            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| S. E. Benson, 45 tons coal . . . . .                                                                                                                                        | \$225 00   |
| S. E. Benson, cement . . . . .                                                                                                                                              | 3 00       |
| Malden and Melrose Gas Light Company, 235,800<br>cubic feet gas (which includes amount con-<br>sumed in library, reading room, and other<br>rooms on lower floor) . . . . . | 548 03     |
| O. E. Drown, janitor one year . . . . .                                                                                                                                     | 300 00     |
| O. E. Drown, oiling floors, etc. . . . .                                                                                                                                    | 12 50      |
| Eastman Express, expressing and moving piano,                                                                                                                               | 39 00      |
| Patrick Keating, labor . . . . .                                                                                                                                            | 73 50      |
| John Lahey, charcoal . . . . .                                                                                                                                              | 3 50       |
| W. Emery & Co., windows . . . . .                                                                                                                                           | 10 35      |
| A. W. Lynde, labor, teaming, and spreading<br>dressing . . . . .                                                                                                            | 8 47       |
| E. Howard Watch and Clock Company, repair-<br>ing clock . . . . .                                                                                                           | 3 36       |
| J. H. Edwards, sharpening lawn mower . . .                                                                                                                                  | 3 50       |
| Bugbee & Barrett, sundries . . . . .                                                                                                                                        | 12 11      |
| M. F. Eastman, lime and lawn dressing . .                                                                                                                                   | 9 15       |
| John Larrabee, chemicals . . . . .                                                                                                                                          | 1 40       |
| F. M. Holmes Furniture Company, iron braces<br>for settees . . . . .                                                                                                        | 18 62      |
| Thos. McCoubry, iron work, etc. . . . .                                                                                                                                     | 14 63      |
| A. W. Parker, glazing . . . . .                                                                                                                                             | 3 00       |
| A. W. Caswell, painting railing, ticket office .                                                                                                                            | 1 50       |
| A. E. Burton & Co., dusters and brushes . .                                                                                                                                 | 8 00       |
|                                                                                                                                                                             | <hr/>      |
|                                                                                                                                                                             | \$1,298 62 |



## RECEIPTS.

For use of hall :—

|                                         |         |
|-----------------------------------------|---------|
| Mrs. G. N. Bordman . . . . .            | \$25 00 |
| Kickapoo Indians . . . . .              | 25 00   |
| Uncle Tom's Cabin Company . . . . .     | 25 00   |
| Higgins Concert Company . . . . .       | 25 00   |
| Uncle Tom's Cabin Company . . . . .     | 25 00   |
| Ladies Circle, Baptist Church . . . . . | 40 00   |
| Casino Novelty Company . . . . .        | 15 00   |
| McIntosh Brothers . . . . .             | 25 00   |
| Universalist Society . . . . .          | 30 00   |
| Athletic Club . . . . .                 | 30 00   |
| Knights of Labor . . . . .              | 15 00   |
| Firemen . . . . .                       | 15 00   |
| St. Bridget's Church . . . . .          | 60 00   |
| Bicycle Club . . . . .                  | 30 00   |
| German Associates . . . . .             | 25 00   |
| Melrose Lyceum . . . . .                | 209 00  |

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 \$619 00

For rent of room :—

|                                |        |
|--------------------------------|--------|
| Melrose Savings Bank . . . . . | 200 00 |
|--------------------------------|--------|

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 \$819 00

## RECAPITULATION.

|                                           |            |
|-------------------------------------------|------------|
| Repairs, etc. . . . .                     | \$3,238 29 |
| Incidental, or Running Expenses . . . . . | 1,298 62   |

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 \$4,536 91

|                    |        |
|--------------------|--------|
| Receipts . . . . . | 819 00 |
|--------------------|--------|

---

 \$3,717 91

At meeting March 1, 1886, the treasurer was authorized to borrow and selectmen to expend for :—

|                                  |          |
|----------------------------------|----------|
| Re-arranging anterooms . . . . . | \$500 00 |
| Ventilation . . . . .            | 200 00   |
| Rear entrance . . . . .          | 300 00   |

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 1,000 00

Excess of expenditures for repairs and running expenses . . . . .

---

 \$2,717 91

## STREET LIGHTS.

|                         |            |
|-------------------------|------------|
| Appropriation . . . . . | \$1,950 00 |
|-------------------------|------------|

## EXPENDED.

|                                                                                                                |            |
|----------------------------------------------------------------------------------------------------------------|------------|
| Wheeler Reflector Company, for light-<br>ing and care of 131 to 147 lamps<br>one year, at 4½ cents per night . | \$1,555 23 |
|----------------------------------------------------------------------------------------------------------------|------------|

|                                                                                               |        |
|-----------------------------------------------------------------------------------------------|--------|
| Malden & Melrose Gas Light Com-<br>pany, lighting and care of 29<br>lamps, 6 months . . . . . | 232 02 |
|-----------------------------------------------------------------------------------------------|--------|

|                                                      |        |
|------------------------------------------------------|--------|
| Care of 30 lamps, 6 months and 2<br>nights . . . . . | 240 13 |
|------------------------------------------------------|--------|

|                                |       |
|--------------------------------|-------|
| J. C. Howes, repairs . . . . . | 16 62 |
|--------------------------------|-------|

|                                         |      |
|-----------------------------------------|------|
| Eastman's Express, expressing . . . . . | 2 00 |
|-----------------------------------------|------|

|                                    |      |
|------------------------------------|------|
| G. W. Dew, painting post . . . . . | 1 00 |
|------------------------------------|------|

---

|  |            |
|--|------------|
|  | \$2,047 00 |
|--|------------|

|                               |       |
|-------------------------------|-------|
| Expenditures exceed . . . . . | 97 00 |
|-------------------------------|-------|

---

|  |            |
|--|------------|
|  | \$2,047 00 |
|--|------------|

## ADDITIONAL LAMPS.

|                         |          |
|-------------------------|----------|
| Appropriation . . . . . | \$150 00 |
|-------------------------|----------|

## EXPENDED.

|                                                                                      |          |
|--------------------------------------------------------------------------------------|----------|
| Wheeler Reflector Company, 11 iron lamp-posts,<br>tin lanterns, and frames . . . . . | \$121 00 |
|--------------------------------------------------------------------------------------|----------|

|                                         |    |
|-----------------------------------------|----|
| W. E. Locke, expressing lamps . . . . . | 75 |
|-----------------------------------------|----|

|                                                       |      |
|-------------------------------------------------------|------|
| Harry Stevens, expressing post and lanterns . . . . . | 8 40 |
|-------------------------------------------------------|------|

|                                     |      |
|-------------------------------------|------|
| G. W. Dew, painting posts . . . . . | 5 25 |
|-------------------------------------|------|

|                                |       |
|--------------------------------|-------|
| Labor, setting posts . . . . . | 10 00 |
|--------------------------------|-------|

|                                                                                       |      |
|---------------------------------------------------------------------------------------|------|
| Malden and Melrose Gas Light Company, setting<br>lamp-post, pipe, and labor . . . . . | 4 60 |
|---------------------------------------------------------------------------------------|------|

---

|  |          |
|--|----------|
|  | \$150 00 |
|--|----------|

## GROVE STREET SCHOOL BUILDING.

*Special Repairs, Outbuildings, etc.*

## EXPENDED.

|                                                       |          |
|-------------------------------------------------------|----------|
| Walter B. Ellis, stone-work, material, etc. . . . .   | \$63 00  |
| M. C. Warren & Co., hardware . . . . .                | 9 63     |
| J. L. Holbrook, plumbing . . . . .                    | 48 34    |
| J. P. Deering, lumber . . . . .                       | 212 95   |
| W. H. Stewart, labor and material furnished . . . . . | 400 98   |
| S. E. Benson, lime and cement . . . . .               | 6 30     |
|                                                       | <hr/>    |
|                                                       | \$741 20 |

At meeting March 1, 1886, the treasurer was authorized to borrow and the school committee to expend \$800.

## ARMORY RENT.

## EXPENDED.

|                                         |          |
|-----------------------------------------|----------|
| H. A. Leonard, 5 months' rent . . . . . | \$166 67 |
|-----------------------------------------|----------|

## RECEIPTS.

|                             |          |
|-----------------------------|----------|
| From Commonwealth . . . . . | \$166 67 |
|-----------------------------|----------|

## HIGHWAYS.

## EXPENDED FOR LABOR AND TEAMS.

|                                                        |            |
|--------------------------------------------------------|------------|
| James Marshall, Supt., 131 days, at \$2.50 per day     | \$327 50   |
| A. Wilbur Lynde, 27½ days, at \$1.76 per day . . . . . | 48 40      |
| A. Wilbur Lynde, 34½ days, at \$2.50 per day . . . . . | 85 63      |
|                                                        | <hr/>      |
|                                                        | \$461 53   |
| Laborers, 2,208¼ days, at \$1.76 per day . . . . .     | \$3,886 58 |
| Teams, 845½ days, at \$1.50 per day . . . . .          | 1,268 31   |
|                                                        | <hr/>      |
|                                                        | \$5,616 42 |

Expended in months as follows :—

|                    |          |            |
|--------------------|----------|------------|
| January . . . . .  | \$150 49 |            |
| February . . . . . | 211 63   |            |
| March . . . . .    | 582 23   |            |
| April . . . . .    | 1,888 20 |            |
| May . . . . .      | 1,166 33 |            |
| June . . . . .     | 514 02   |            |
| July . . . . .     | 407 57   |            |
| August . . . . .   | 100 00   |            |
| October . . . . .  | 21 12    |            |
| November . . . . . | 424 95   |            |
| December . . . . . | 149 88   |            |
|                    | <hr/>    | \$5,616 42 |

#### GRAVEL.

|                       |             |       |          |
|-----------------------|-------------|-------|----------|
| Frank Gibbons,        | 1,749 loads | . . . | \$87 45  |
| J. Porter Woodbury,   | 1,023 "     | . . . | 102 30   |
| Orne Upham,           | 402 "       | . . . | 40 20    |
| M. G. Cochrane,       | 1,223 "     | . . . | 97 84    |
| John McGilley,        | 94 "        | . . . | 7 52     |
| Patrick Kelly,        | 165 "       | . . . | 13 20    |
| Boston & Maine R. R., | 628 "       | . . . | 31 40    |
| Joseph Amrich,        | 248 "       | . . . | 12 40    |
|                       |             | <hr/> | \$392 31 |

#### SUNDRIES.

|                                                     |           |         |
|-----------------------------------------------------|-----------|---------|
| Ames Plow Company, 2 dozen shovels                  | . .       | \$20 80 |
| Edwards Bros., repairing snow plough                | . .       | 3 50    |
| Eastman's Express, expense, repairing gravel screen | . . . . . | 7 00    |
| Eastman's Express, expressing                       | . . . . . | 1 30    |
| Bugbee & Barrett, lanterns, tools, etc.             | . .       | 14 02   |
| Thos. McCoubry, sharpening tools, etc.              | . .       | 24 42   |
| J. P. Deering, lumber                               | . . . . . | 14 53   |
| W. E. Locke, expressing shovels                     | . . . . . | 60      |
| H. C. Richardson, watering street                   | . . . . . | 3 00    |
| S. E. Benson, lumber                                | . . . . . | 2 82    |

|                               |           |               |
|-------------------------------|-----------|---------------|
| <i>Amount carried forward</i> | . . . . . | <hr/> \$91 99 |
|-------------------------------|-----------|---------------|

## FINANCIAL STATEMENT.

59

|                                            |          |
|--------------------------------------------|----------|
| <i>Amount brought forward</i>              | \$91 99  |
| J. O. Chandler, sharpening tools, etc.     | 52 75    |
| Walter C. Stevens, surveying               | 28 00    |
| Berry & Ferguson, 36 feet drain pipe       | 10 08    |
| J. C. Howes, 34 feet " "                   | 5 70     |
| Walter B. Ellis, repairs, tackle, and fall | 6 00     |
|                                            | <hr/>    |
|                                            | \$194 52 |

## SPECIAL CONTRACT.

|                                             |          |
|---------------------------------------------|----------|
| Walter B. Ellis, labor on Washington Street | \$300 00 |
|---------------------------------------------|----------|

## RECAPITULATION.

|                     |            |
|---------------------|------------|
| For superintendence | \$461 53   |
| Laborers            | 3,886 58   |
| Teams               | 1,268 31   |
| Gravel              | 392 31     |
| Sundries            | 194 52     |
| Special contract    | 300 00     |
|                     | <hr/>      |
|                     | \$6,503 25 |
| Appropriation       | \$5,500 00 |

## RECEIPTS.

|                                    |            |
|------------------------------------|------------|
| From R. W. Smith, 40 loads filling | 6 00       |
| C. T. Stevens, 13 " "              | 1 95       |
| James Rendall, 50 " "              | 7 50       |
|                                    | <hr/>      |
|                                    | \$5,515 45 |

|                                                                                                                                                                                                               |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| At meeting, Nov. 9, 1886, the treasurer was authorized to borrow and the selectmen to expend, for special repairs on highways and on Washington Street, the sum of \$1,000, of which amount has been expended | 987 80     |
|                                                                                                                                                                                                               | <hr/>      |
|                                                                                                                                                                                                               | \$6,503 25 |

## DRAINAGE, BRIDGES, AND CULVERTS.

|                            |            |
|----------------------------|------------|
| Appropriation              | \$650 00   |
| Appropriation, Otis Street | 350 00     |
|                            | <hr/>      |
|                            | \$1,000 00 |

## EXPENDED FOR LABOR AND TEAMS.

|                                                                              |            |
|------------------------------------------------------------------------------|------------|
| James Marshall, Supt., 30½ days, at \$2.50 . . . .                           | \$81 24    |
| Laborers, 237 days, at \$1.76 . . . .                                        | 417 08     |
| Teams, 35½ days, at \$1.50 . . . .                                           | 53 25      |
| A. W. Lynde, digging trench and laying 288<br>feet pipe, at 17 cents . . . . | 48 96      |
| Berry & Ferguson, 22 feet 18-inch pipe . .                                   | 14 08      |
| T. R. Newhall, 1,400 feet bridge stone . .                                   | 385 00     |
|                                                                              | <hr/>      |
|                                                                              | \$999 61   |
| Balance unexpended . . . . .                                                 | 39         |
|                                                                              | <hr/>      |
|                                                                              | \$1,000 00 |

## PERKINS STREET.

## EXPENDED.

|                                                    |          |
|----------------------------------------------------|----------|
| James Marshall, Supt., 11¼ days, at \$2.50 . . . . | \$28 13  |
| Laborers, 148⅓ days, at \$1.76 . . . .             | 261 50   |
| Teams, 40¼ days, at \$1.50 . . . .                 | 60 37    |
|                                                    | <hr/>    |
|                                                    | \$350 00 |

At meeting March 1, 1886, treasurer was authorized to borrow and selectmen to expend the above amount.

## CROSSINGS AND GUTTERS.

|                         |          |
|-------------------------|----------|
| Appropriation . . . . . | \$300 00 |
|-------------------------|----------|

## EXPENDED.

|                                                                        |          |
|------------------------------------------------------------------------|----------|
| Labor, 47 days, at \$1.76 . . . .                                      | \$82 72  |
| Labor, ¾ day, at \$2.50 . . . .                                        | 1 87     |
| Teams, 2¼ days, at \$1.50 . . . .                                      | 3 37     |
| Walter B. Ellis, 322½ yards concrete crossings, at<br>40 cents . . . . | 129 00   |
| 273½ yards concrete gutters, at 30 cents . .                           | 82 05    |
|                                                                        | <hr/>    |
|                                                                        | \$299 01 |
| Balance unexpended . . . . .                                           | 99       |
|                                                                        | <hr/>    |
|                                                                        | \$300 00 |

## SIDEWALKS.

|                                                                          |            |
|--------------------------------------------------------------------------|------------|
| Appropriation . . . . .                                                  | \$1,000 00 |
| Appropriation for sidewalk opposite estate of<br>Rufus Leavitt . . . . . | 35 00      |
|                                                                          | <hr/>      |
|                                                                          | \$1,035 00 |

## EXPENDED.

*Labor and Teams.*

|                                                         |          |
|---------------------------------------------------------|----------|
| James Marshall, Supt., 11½ days, at<br>\$2.50 . . . . . | \$23 75  |
| Laborers, 181½ days, at \$1.76 . . .                    | 319 47   |
| Teams, 30½ days, at \$1.50 . . . . .                    | 45 75    |
|                                                         | <hr/>    |
|                                                         | \$388 97 |

*Concrete.*

|                                                                                                                              |            |
|------------------------------------------------------------------------------------------------------------------------------|------------|
| C. L. Hoffman, one half expense of<br>laying 65½ yards, at 30 cents . . .                                                    | 9 80       |
| F. A. Messenger, one half expense of<br>laying 98½ yards, at 30 cents . . .                                                  | 14 73      |
| Walter B. Ellis, one half expense of<br>laying 2,671½ yards, at 30 cents, 400 68<br>for laying 162½ yards, at 30 cents . . . | 48 70      |
| for top dressing 1,147½ yards, at 15<br>cents . . . . .                                                                      | 172 12     |
|                                                                                                                              | <hr/>      |
|                                                                                                                              | 646 03     |
|                                                                                                                              | <hr/>      |
|                                                                                                                              | \$1,035 00 |

## INTEREST.

|                                          |            |
|------------------------------------------|------------|
| Appropriation . . . . .                  | \$5,000 00 |
| Rec'd as interest on taxes of 1881 . . . | \$2 20     |
| “ “ “ 1882 . . . . .                     | 4 08       |
| “ “ “ 1883 . . . . .                     | 6 60       |
| “ “ “ 1884 . . . . .                     | 106 31     |
| “ “ “ 1885 . . . . .                     | 870 90     |
| “ “ “ 1886 . . . . .                     | 61 49      |
|                                          | <hr/>      |
|                                          | 1,051 58   |
|                                          | <hr/>      |
|                                          | \$6,051 58 |



## EXPENDED.

|                                                      |            |
|------------------------------------------------------|------------|
| Interest coupons on Town Hall bonds . . .            | \$4,550 00 |
| Commonwealth of Massachusetts, on<br>notes . . . . . | 707 50     |
| Melrose Savings Bank, on notes . . .                 | 473 17     |
| Cemetery trust funds . . . . .                       | 16 00      |
|                                                      | <hr/>      |
|                                                      | \$5,746 67 |
| Balance unexpended . . . . .                         | 304 91     |
|                                                      | <hr/>      |
|                                                      | \$6,051 58 |

## WATER FUND.

## DR.

|                                                                                                                          |             |
|--------------------------------------------------------------------------------------------------------------------------|-------------|
| Paid interest on bonds, \$150,000 at six per cent,<br>one year . . . . .                                                 | \$9,000 00  |
| \$35,000, at four per cent, one year . . .                                                                               | 1,400 00    |
| Bills on account of construction and main-<br>tenance (for detailed statement, see Com-<br>missioners' report) . . . . . | 15,423 73   |
| Treasurer of water loan sinking fund com-<br>missioners, balance of surplus (1885) . .                                   | 3,823 99    |
| Due town, advances (1885) . . . . .                                                                                      | 1,461 68    |
|                                                                                                                          | <hr/>       |
|                                                                                                                          | \$31,109 40 |

## CR.

|                                                           |            |
|-----------------------------------------------------------|------------|
| Appropriation for cost of construction,<br>1885 . . . . . | \$5,285 67 |
| Receipts, water rates, etc. . . . .                       | 20,666 97  |
|                                                           | <hr/>      |
|                                                           | 25,952 64  |
|                                                           | <hr/>      |
| Due the town for advances . . . . .                       | \$5,156 76 |

## INSURANCE.

No appropriation.

|                                        |          |
|----------------------------------------|----------|
| J. L. Hanaford, policies . . . . .     | \$64 00  |
| R. B. Leighton, policies . . . . .     | 90 30    |
| George L. Westgate, policies . . . . . | 102 00   |
|                                        | <hr/>    |
|                                        | \$256 30 |

## WATER, HIGH SERVICE.

*Receipts.*

|                                       |             |
|---------------------------------------|-------------|
| From sale of 30 bonds in 1885 . . . . | \$31,916 87 |
| Sale of 7 bonds in 1886 . . . .       | 7,538 00    |
|                                       | <hr/>       |
|                                       | \$39,454 87 |

## EXPENDED.

|                                         |             |
|-----------------------------------------|-------------|
| Paid Committee's orders in 1885 . . . . | \$15,421 32 |
| " " " " 1886 . . . .                    | 14,742 34   |
| " City of Malden, per order . . . .     | 9,000 00    |
|                                         | <hr/>       |
|                                         | 39,163 66   |
| Balance unexpended . . . . .            | <hr/>       |
|                                         | \$291 21    |

## PUBLIC LIBRARY AND READING ROOM.

|                                              |            |
|----------------------------------------------|------------|
| Appropriation . . . . .                      | \$750 00   |
| Dog tax, 1885, from county treasurer . . . . | 698 40     |
|                                              | <hr/>      |
|                                              | \$1,448 40 |

## EXPENDED.

|                                               |            |
|-----------------------------------------------|------------|
| Paid treasurer of trustees, on orders . . . . | \$1,448 40 |
|-----------------------------------------------|------------|

## STATE AND COUNTY TAXES.

|                                 |            |
|---------------------------------|------------|
| Paid State treasurer . . . . .  | \$3,930 00 |
| Paid county treasurer . . . . . | \$2,362 69 |

## TOWN OFFICERS' SALARIES.

|                         |            |
|-------------------------|------------|
| Appropriation . . . . . | \$2,500 00 |
|-------------------------|------------|

## EXPENDED.

|                                         |                 |
|-----------------------------------------|-----------------|
| Levi S. Gould, selectman . . . . .      | \$200 00        |
| John K. Currier, " . . . .              | 200 00          |
|                                         | <hr/>           |
| <i>Amount carried forward . . . . .</i> | <i>\$400 00</i> |

|                                                                                               |            |
|-----------------------------------------------------------------------------------------------|------------|
| <i>Amount brought forward</i> . . . . .                                                       | \$400 00   |
| H. G. Fields, selectman and chairman overseers<br>of poor. . . . .                            | 250 00     |
| John Larrabee, town clerk . . . . .                                                           | 175 00     |
| George Newhall, treasurer . . . . .                                                           | 300 00     |
| George C. Stantial, assessor . . . . .                                                        | 150 00     |
| Moses Briggs, " . . . . .                                                                     | 150 00     |
| George F. Boardman, " . . . . .                                                               | 150 00     |
| F. E. Orcutt, auditor, 1885 . . . . .                                                         | 15 00      |
| J. R. Norton, " " . . . . .                                                                   | 15 00      |
| W. I. Nickerson, " " . . . . .                                                                | 15 00      |
| Alfred Hocking, registrar of voters . . . . .                                                 | 25 00      |
| Walter Babb, " " . . . . .                                                                    | 25 00      |
| John B. Souther, " " . . . . .                                                                | 25 00      |
| John Larrabee, " " . . . . .                                                                  | 25 00      |
| George C. Stantial, clerical services, including<br>making duplicate valuation book . . . . . | 300 00     |
| M. T. Eastman, collector, commission on taxes<br>of 1885 . . . . .                            | 300 00     |
| commission on taxes of 1886 . . . . .                                                         | 150 00     |
|                                                                                               | <hr/>      |
|                                                                                               | \$2,470 00 |
| Balance unexpended . . . . .                                                                  | 30 00      |
|                                                                                               | <hr/>      |
|                                                                                               | \$2,500 00 |

### FELLS SCHOOL BUILDING.

|                         |            |
|-------------------------|------------|
| Appropriation . . . . . | \$5,000 00 |
|-------------------------|------------|

#### EXPENDED.

|                                                                 |            |
|-----------------------------------------------------------------|------------|
| Paid orders of committee in 1885 (see last<br>report) . . . . . | \$2,700 00 |
| Paid orders of committee during 1886 . . . . .                  | 2,300 00   |
|                                                                 | <hr/>      |
|                                                                 | \$5,000 00 |

## SWAIN'S POND AVENUE SCHOOL BUILDING.

## EXPENDED.

|                                                       |            |
|-------------------------------------------------------|------------|
| For land . . . . .                                    | \$436 40   |
| For building, etc., per orders of committee . . . . . | 2,063 60   |
|                                                       | <hr/>      |
|                                                       | \$2,500 00 |

March 1, 1886, treasurer was authorized to borrow and special committee to expend the above amount.

## VINTON STREET SCHOOL BUILDING.

|                                                              |             |
|--------------------------------------------------------------|-------------|
| Appropriation (permanent loan) . . . . .                     | \$14,000 00 |
| Paid orders of committee for land,<br>building, etc. . . . . | \$13,978 27 |
| Balance unexpended . . . . .                                 | 21 73       |
|                                                              | <hr/>       |
|                                                              | \$14,000 00 |

## PROSPECT STREET.

## EXPENDED.

|                                                          |          |
|----------------------------------------------------------|----------|
| Paid James Marshall, Supt., 12 days, at \$2.50 . . . . . | \$30 00  |
| Teams, 24 days, at \$1.50 . . . . .                      | 36 00    |
| Laborers, 133 days, at \$1.76 . . . . .                  | 234 00   |
|                                                          | <hr/>    |
|                                                          | \$300 00 |

At meeting March 1, 1886, treasurer was authorized to borrow and selectmen to expend the above amount.

## COMMONWEALTH OF MASSACHUSETTS.

## DR.

|                                         |                   |
|-----------------------------------------|-------------------|
| Military aid, 1885 . . . . .            | \$251 00          |
| State aid, 1885 . . . . .               | 787 00            |
| Armory rent, 1885 . . . . .             | 400 00            |
|                                         | <hr/>             |
| <i>Amount carried forward . . . . .</i> | <i>\$1,438 00</i> |

|                               |   |   |   |     |                   |                   |
|-------------------------------|---|---|---|-----|-------------------|-------------------|
| <i>Amount brought forward</i> |   |   |   |     |                   | \$1,438 00        |
|                               |   |   |   | CR. |                   |                   |
| Corporation tax               | . | . | . | .   | \$2,560 34        |                   |
| National bank tax             | . | . | . | .   | 630 38            |                   |
| Military aid, 1885            | . | . | . | .   | 251 00            |                   |
| State aid, 1885               | . | . | . | .   | 788 00            |                   |
| Armory rent, 1885             | . | . | . | .   | 400 00            |                   |
|                               |   |   |   |     | <u>\$4,629 72</u> |                   |
| Surplus                       | . | . | . | .   | .                 | 3,191 72          |
|                               |   |   |   |     |                   | <u>\$4,629 72</u> |

## POLICE AND NIGHT WATCH.

|               |   |   |   |   |   |   |            |
|---------------|---|---|---|---|---|---|------------|
| Appropriation | . | . | . | . | . | . | \$1,400 00 |
|---------------|---|---|---|---|---|---|------------|

## EXPENDED.

|                                        |   |   |   |   |   |                   |
|----------------------------------------|---|---|---|---|---|-------------------|
| F. M. McLaughlin, Chief, 1,155 hours   | . | . | . | . | . | \$288 75          |
| O. E. Drown, 1,764 hours               | . | . | . | . | . | 441 00            |
| H. B. Newhall, 1,885 hours             | . | . | . | . | . | 471 25            |
| A. B. Pierce, 33 hours                 | . | . | . | . | . | 8 25              |
| R. M. Rand, 133 hours                  | . | . | . | . | . | 33 25             |
| C. T. Stevens, 17 hours                | . | . | . | . | . | 4 25              |
| C. H. Fuller, 41 hours                 | . | . | . | . | . | 10 50             |
| W. C. Caswell, 23 hours                | . | . | . | . | . | 5 75              |
| E. O. Goodridge, 59 hours              | . | . | . | . | . | 14 75             |
| F. M. Holmes Furniture Company, chairs | . | . | . | . | . | 9 00              |
| George W. Bartlett, carriage hire      | . | . | . | . | . | 34 00             |
| Childs & Lane, mat                     | . | . | . | . | . | 2 00              |
| J. P. Lovell's Sons, hand-cuffs        | . | . | . | . | . | 9 50              |
| J. Warren Bailey, curtains             | . | . | . | . | . | 3 00              |
| F. M. McLaughlin, expense              | . | . | . | . | . | 1 00              |
|                                        |   |   |   |   |   | <u>\$1,336 25</u> |
| Balance unexpended                     | . | . | . | . | . | 63 75             |
|                                        |   |   |   |   |   | <u>\$1,400 00</u> |

## WYOMING CEMETERY.

|                                              |             |
|----------------------------------------------|-------------|
| Cost of land in 1856 . . . . .               | \$5,958 85  |
| Expended from 1856 to 1886 . . . . .         | 13,978 90   |
|                                              | <hr/>       |
|                                              | \$19,937 75 |
| Receipts from 1856 to 1886 . . . \$20,105 57 |             |
| 1885. Surplus to treasury fund. . . . .      | 167 82      |
|                                              | <hr/>       |
|                                              | \$20,105 57 |

## RECEIPTS DURING 1886.

|                                                                           |          |
|---------------------------------------------------------------------------|----------|
| For graves sold . . . . .                                                 | \$68 00  |
| For labor, interments, material furnished, grading, sodding, etc. . . . . | 290 00   |
| For care of lots . . . . .                                                | 303 00   |
|                                                                           | <hr/>    |
|                                                                           | \$661 00 |

## FOR LOTS SOLD.

|                                    |            |
|------------------------------------|------------|
| 13 at \$75 each . . . . .          | \$975 00   |
| 1 at \$100 . . . . .               | 100 00     |
| 4 half lots at \$40 each . . . . . | 160 00     |
| 1 " " " \$35 . . . . .             | 35 00      |
| 2 " " " \$30 each . . . . .        | 60 00      |
| Exchanging lot . . . . .           | 15 00      |
| On account of lots sold . . . . .  | 383 00     |
|                                    | <hr/>      |
|                                    | 1,728 00   |
|                                    | <hr/>      |
|                                    | \$2,389 00 |

## EXPENDED.

|                                                     |          |
|-----------------------------------------------------|----------|
| Thomas Marshall, superintendent, 6 months . . . . . | \$300 00 |
| " " labor and material furnished . . . . .          | 32 86    |
| " " extra labor, 39½ days, at \$2 . . . . .         | 79 00    |
| Daniel Dowd, labor, 164 days, at \$1.76 . . . . .   | 288 49   |
| " " labor, 23½ days, at \$1.50 . . . . .            | 35 25    |
| Geo. W. Grover, labor, 16 days, at \$1.76 . . . . . | 28 16    |
| A. C. Goss, team, 27 days, at \$1.50 . . . . .      | 40 50    |
| " " man, 27½ days, at \$1.76 . . . . .              | 48 39    |
| " " sods, 830 feet . . . . .                        | 8 30     |
|                                                     | <hr/>    |
| <i>Amount carried forward</i> . . . . .             | \$860 95 |

|                                                        |            |
|--------------------------------------------------------|------------|
| <i>Amount brought forward</i>                          | \$860 95   |
| A. W. Lynde, labor, 5 days, at \$2                     | 10 00      |
| F. R. Upham, man and team, $\frac{1}{2}$ day           | 1 63       |
| James Marshall, team, two days, at \$1.50              | 3 00       |
| “ “ labor, 1 day                                       | 2 50       |
| “ “ men, 18 days, at \$1.76                            | 31 68      |
| John C. Rorke, labor, $107\frac{3}{4}$ days, at \$1.76 | 189 64     |
| William Forbes, labor, 23 days, at \$1.76              | 40 48      |
| W. L. Williams, P. M., stamps                          | 2 00       |
| Geo. F. King & Merrill, stationery                     | 4 15       |
| M. F. Eastman, lime and cement                         | 11 65      |
| Thos. McCoubry, sharpening tools, etc.                 | 3 70       |
| H. N. Murch, markers for graves                        | 40 00      |
| A. B. Pierce, services                                 | 6 00       |
| J. C. Howes, drain pipe                                | 10 48      |
| Daniel Norton, sail cloth                              | 3 00       |
| Bugbee & Barrett, sundries                             | 6 05       |
| Aaron Hill, Jr., 500 feet sods                         | 5 00       |
| Justus Geist, plants                                   | 28 52      |
| J. H. Edwards, sharpening lawn mower                   | 1 75       |
| Charles Pratt, 2,063 feet sods                         | 20 63      |
| Charles McKinnon, 855 feet sods                        | 12 82      |
| Daniel McDonald, 135 feet granite capping              | 79 95      |
| “ “ labor                                              | 6 55       |
| George Newhall, service on committee                   | 25 00      |
| John Larrabee, “ “ “                                   | 25 00      |
|                                                        | <hr/>      |
|                                                        | \$1,432 13 |
| Surplus for year, 1886                                 | 956 87     |
|                                                        | <hr/>      |
|                                                        | \$2,389 00 |



## REPORT OF THE TOWN TREASURER.

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|                                          |              |
|------------------------------------------|--------------|
| Cash in treasury, January 30, 1886 . . . | \$1,483 60   |
| Total receipts for the year. . . .       | 140,788 63   |
|                                          | <hr/>        |
|                                          | \$142,272 23 |
| Total disbursements for the year . . .   | 142,079 98   |
|                                          | <hr/>        |
| Cash in treasury, January 27, 1887 . . . | \$192 25     |

### CEMETERY "TRUST FUNDS."

|                                        |          |
|----------------------------------------|----------|
| 1885. Estate of Sally Upham . . . .    | \$200 00 |
| 1886. S. B. Cochran, Omaha, Neb. . . . | 200 00   |
|                                        | <hr/>    |
|                                        | \$400 00 |

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## STATEMENT OF THE TOWN DEBT.

### WATER BONDS.

|                                                              |              |
|--------------------------------------------------------------|--------------|
| Melrose Water Fund, due July 1, 1890 . . .                   | \$100,000 00 |
| Melrose Water Fund, due Oct. 1, 1892 . . .                   | 50,000 00    |
| Melrose Water Loan, high service, due Nov. 1, 1905 . . . . . | 37,000 00    |
|                                                              | <hr/>        |
|                                                              | \$187,000 00 |

### TOWN HALL BONDS.

|                                           |             |
|-------------------------------------------|-------------|
| Melrose Town Hall, due Oct. 1, 1892 . . . | \$65,000 00 |
|-------------------------------------------|-------------|

### PERMANENT LOANS.

Commonwealth of Massachusetts :—

|                                                                             |             |
|-----------------------------------------------------------------------------|-------------|
| Note dated Oct. 15, 1868, due Oct. 15, 1888, interest 6 per cent . . . . .  | \$5,000 00  |
| Note dated Aug. 6, 1884, due Aug. 6, 1889, interest 4 per cent . . . . .    | 8,000 00    |
| Note dated July 23, 1886, due July 23, 1891, interest 3½ per cent . . . . . | 14,000 00   |
|                                                                             | <hr/>       |
|                                                                             | \$27,000 00 |

## TEMPORARY LOANS.

Melrose Savings Bank, on demand :—

|                                                             |               |
|-------------------------------------------------------------|---------------|
| Note dated Jan. 21, 1886, interest 3 per cent               | . \$10,000 00 |
| Note dated May 20, 1886, interest 3 per cent                | . 1,000 00    |
| Note dated May 27, 1886, interest 3 per cent                | . 2,000 00    |
| Note dated July 1, 1886, interest 3 $\frac{1}{2}$ per cent  | . 5,000 00    |
| Note dated July 21, 1886, interest 3 $\frac{1}{2}$ per cent | . 2,000 00    |
| Note dated Jan. 5, 1887, interest 3 $\frac{1}{2}$ per cent  | . 3,000 00    |

Commonwealth of Massachusetts :—

|                                                                       |                    |
|-----------------------------------------------------------------------|--------------------|
| Note dated June 21, 1886, one year, interest 3 $\frac{1}{2}$ per cent | . . . . . 5,000 00 |
|-----------------------------------------------------------------------|--------------------|

---

 \$28,000 00

|       |                        |
|-------|------------------------|
| Total | . . . . . \$307,000 00 |
|-------|------------------------|

## AVAILABLE ASSETS.

|                           |                |
|---------------------------|----------------|
| Due from State, State aid | . . . \$654 00 |
| “ “ “ military aid        | . . . 266 00   |
|                           | <hr/>          |
|                           | \$920 00       |

Uncollected taxes :—

|      |                     |
|------|---------------------|
| 1881 | . . . . . \$99 93   |
| 1882 | . . . . . 334 52    |
| 1883 | . . . . . 390 47    |
| 1884 | . . . . . 469 59    |
| 1885 | . . . . . 2,379 00  |
| 1886 | . . . . . 28,245 11 |
|      | <hr/>               |
|      | \$31,918 62         |

|                         |                     |
|-------------------------|---------------------|
| Water loan sinking fund | . . . . . 29,330 07 |
|-------------------------|---------------------|

---

 \$62,168 69

|                                     |                  |
|-------------------------------------|------------------|
| Net debt more than assets available | . . . 244,831 31 |
|-------------------------------------|------------------|

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 \$307,000 00

Respectfully submitted,

GEORGE NEWHALL,

*Treasurer.*

(E. and O. excepted.)

MELROSE, February, 1887.

## GEORGE NEWHALL, TREASURER,

*In account with* COMMISSIONERS OF MELROSE WATER LOAN  
SINKING FUND.

## DR.

|                                                                             |            |
|-----------------------------------------------------------------------------|------------|
| February, 1886. Cash on hand . . . .                                        | \$15 60    |
| To received as surplus from water fund, balance,<br>for year 1885 . . . . . | 3,823 99   |
| To received as interest on bonds and mortgages .                            | 1,113 81   |
| To received as principal on mortgage note .                                 | 100 00     |
|                                                                             | <hr/>      |
|                                                                             | \$5,053 40 |

## CR.

|                                                                       |            |
|-----------------------------------------------------------------------|------------|
| By paid rent for box in safe deposit vault . . .                      | \$10 00    |
| For two bonds, Melrose water loan, "high<br>service" . . . . .        | 2,000 00   |
| Premium and accrued interest on above                                 | 113 33     |
| Mortgage on real estate . . . . .                                     | 2,000 00   |
|                                                                       | <hr/>      |
|                                                                       | \$4,123 33 |
| February, 1887. Cash deposited in Melrose Sav-<br>ings Bank . . . . . | 930 07     |
|                                                                       | <hr/>      |
|                                                                       | \$5,053 40 |

## GEORGE NEWHALL, TREASURER,

*In account with the* TOWN OF MELROSE.

## DR.

|                                             |            |
|---------------------------------------------|------------|
| Jan. 30, 1886. Cash in the treasury . . . . | \$1,483 60 |
|---------------------------------------------|------------|

## RECEIPTS.

|                                                |            |
|------------------------------------------------|------------|
| From sale of high service water bonds . . .    | \$7,538 00 |
| Note, permanent loan . . . . .                 | 14,000 00  |
| Wyoming Cemetery, sale of lots, graves, etc. . | 2,389 00   |
| On account of School fund . . . . .            | 87 99      |
| School contingent . . . . .                    | 10 17      |
| Highways . . . . .                             | 15 45      |
| Poor fund (1886) . . . . .                     | 546 49     |
|                                                | <hr/>      |

*Amount carried forward* . . . . \$26,070 70

|                                                 |   |   |   |   |             |
|-------------------------------------------------|---|---|---|---|-------------|
| <i>Amount brought forward</i>                   | . | . | . | . | \$26,070 00 |
| On account of Fire Department                   | . | . | . | . | 24 00       |
| Contingent                                      | . | . | . | . | 18 50       |
| Town Hall                                       | . | . | . | . | 819 00      |
| Armory rent                                     | . | . | . | . | 166 67      |
| Poor fund (1885)                                | . | . | . | . | 38 00       |
| Corporation tax (1885)                          | . | . | . | . | 79 65       |
| From A. Lane, superintendent, water rates, etc. |   |   |   |   | 20,666 97   |
| Commonwealth of Massachusetts                   | . | . | . | . | 4,629 72    |
| Notes, temporary loans                          | . | . | . | . | 18,000 00   |
| County treasurer, dog tax                       | . | . | . | . | 698 40      |
| Cemetery, trust fund                            | . | . | . | . | 200 00      |

## TAXES.

|                              |   |   |              |
|------------------------------|---|---|--------------|
| J. C. Howes, collector, 1881 | . | . | \$36 27      |
| "    "    "    1882          | . | . | 70 11        |
| "    "    "    1883          | . | . | 126 76       |
| L. G. Coburn, "    1884      | . | . | 1,427 48     |
| M. F. Eastman, "    1885     | . | . | 24,700 00    |
| "    "    "    1886          | . | . | 44,500 00    |
|                              |   |   | <hr/>        |
|                              |   |   | 70 860 62    |
|                              |   |   | <hr/>        |
|                              |   |   | \$142,272 23 |

## CR.

By paid town clerk's orders as follows :—

|                              |   |   |   |   |             |
|------------------------------|---|---|---|---|-------------|
| Schools, support of          | . | . | . | . | \$17,715 00 |
| School contingent            | . | . | . | . | 4,285 66    |
| Contingent expenses          | . | . | . | . | 1,178 19    |
| Town Hall                    | . | . | . | . | 4,536 91    |
| Poor fund                    | . | . | . | . | 5,026 25    |
| Fire Department              | . | . | . | . | 2,409 46    |
| Cemetery, Wyoming            | . | . | . | . | 1,432 13    |
| Insurance                    | . | . | . | . | 256 30      |
| Street lights                | . | . | . | . | 2,047 00    |
| Additional lamps             | . | . | . | . | 150 00      |
| Armory rent                  | . | . | . | . | 166 67      |
| Grove Street School building | . | . | . | . | 741 20      |

|                               |   |   |   |   |             |
|-------------------------------|---|---|---|---|-------------|
| <i>Amount carried forward</i> | . | . | . | . | \$39,944 77 |
|-------------------------------|---|---|---|---|-------------|

|                                     |  |  |  |  |           |           |    |
|-------------------------------------|--|--|--|--|-----------|-----------|----|
| <i>Amount brought forward</i>       |  |  |  |  |           | \$39,944  | 77 |
| By Fells School building            |  |  |  |  |           | 6         | 25 |
| Swain's Pond Avenue School building |  |  |  |  |           | 366       | 60 |
| Highways                            |  |  |  |  |           | 6,503     | 25 |
| Police                              |  |  |  |  |           | 1,336     | 25 |
| Salaries                            |  |  |  |  |           | 2,470     | 00 |
| State aid                           |  |  |  |  |           | 654       | 00 |
| Military aid                        |  |  |  |  |           | 532       | 00 |
| Water fund                          |  |  |  |  |           | 15,423    | 73 |
| Drainage                            |  |  |  |  |           | 999       | 61 |
| Sidewalks                           |  |  |  |  |           | 1,035     | 00 |
| Crossings and gutters               |  |  |  |  |           | 299       | 01 |
| Prospect Street                     |  |  |  |  |           | 300       | 00 |
| Perkins Street                      |  |  |  |  |           | 350       | 00 |
|                                     |  |  |  |  |           |           |    |
|                                     |  |  |  |  |           | \$70,220  | 47 |
| By paid interest on water fund      |  |  |  |  |           |           |    |
| bonds                               |  |  |  |  | \$10,400  | 00        |    |
| Town Hall bonds, and                |  |  |  |  |           |           |    |
| notes                               |  |  |  |  | 5,746     | 67        |    |
| On account of water, use of         |  |  |  |  | 2,000     | 00        |    |
| Water loan sinking                  |  |  |  |  |           |           |    |
| fund (balance sur-                  |  |  |  |  |           |           |    |
| plus 1885)                          |  |  |  |  | 3,823     | 99        |    |
| Water, "high ser-                   |  |  |  |  |           |           |    |
| ,                                   |  |  |  |  |           |           |    |
|                                     |  |  |  |  | 23,742    | 34        |    |
| Fells School building               |  |  |  |  | 2,293     | 75        |    |
| Vinton Street School                |  |  |  |  |           |           |    |
| building                            |  |  |  |  | 13,978    | 27        |    |
| Swain's Pond Avenue                 |  |  |  |  |           |           |    |
| School building                     |  |  |  |  | 2,133     | 40        |    |
| Public Library                      |  |  |  |  | 1,448     | 40        |    |
| State tax                           |  |  |  |  | 3,930     | 00        |    |
| County tax                          |  |  |  |  | 2,362     | 69        |    |
|                                     |  |  |  |  |           |           |    |
|                                     |  |  |  |  |           | 71,859    | 51 |
|                                     |  |  |  |  |           |           |    |
|                                     |  |  |  |  | \$142,079 | 98        |    |
| Jan. 27, 1887. Cash in treasury     |  |  |  |  |           | 192       | 25 |
|                                     |  |  |  |  |           |           |    |
|                                     |  |  |  |  |           | \$142,272 | 23 |

## AUDITORS' REPORT.

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We have examined the books and vouchers of the treasurer, water commissioners, and the account of the treasurer of the Public Library, and find them correctly kept and properly vouched.

FRANK E. ORCUTT,  
JOHN R. NORTON,  
WALTER I. NICKERSON,  
*Auditors.*

# ASSESSORS' REPORT.

FOR YEAR 1886.

|                                                      |                |
|------------------------------------------------------|----------------|
| No. of inhabitants . . . . .                         | 6,536          |
| children from five to fifteen years of age . . . . . | 1,356          |
| dwellings . . . . .                                  | 1,443          |
| horses . . . . .                                     | 392            |
| cows and oxen . . . . .                              | 232            |
| dogs . . . . .                                       | 432            |
| swine . . . . .                                      | 102            |
| sheep . . . . .                                      | 1              |
| acres of land taxed (about) . . . . .                | 2,700          |
| steam boilers . . . . .                              | 19             |
| horse-power . . . . .                                | 1,110½         |
| Value of real estate buildings . . . . .             | \$2,795,425    |
| “ “ land . . . . .                                   | 1,872,225      |
|                                                      | <hr/>          |
| personal estate . . . . .                            | 4,667,650 00   |
|                                                      | <hr/>          |
|                                                      | 403,750 00     |
|                                                      | <hr/>          |
| Total valuation . . . . .                            | \$5,071,400 00 |
| Rate of taxation per \$1,000, \$13.60.               |                |
| Amount of appropriations . . . . .                   | \$65,306 23    |
| State tax . . . . .                                  | 3,930 00       |
| county tax . . . . .                                 | 2,362 69       |
| overlay . . . . .                                    | 1,112 12       |
|                                                      | <hr/>          |
|                                                      | \$72,711 04    |
| Assessed as follows :—                               |                |
| Number of polls, 1870.                               |                |
| Tax on polls, at \$2.00 each . . . . .               | \$3,740 00     |
| “ personal estate . . . . .                          | 5,491 00       |
|                                                      | <hr/>          |
| Amount carried forward . . . . .                     | \$9,231 00     |



|                                          |          |    |   |   |             |
|------------------------------------------|----------|----|---|---|-------------|
| <i>Amount brought forward</i>            | .        | .  | . | . | \$9,231 00  |
| Tax on real estate                       | .        | .  | . | . | 63,480 04   |
| Amount of warrant committed to collector | .        |    |   |   | \$72,711 04 |
| additional assessments                   | .        | .  | . |   | 158 28      |
|                                          |          |    |   |   | <hr/>       |
|                                          |          |    |   |   | \$72,869 32 |
| Less abatements                          | .        | .  | . | . | 185 70      |
|                                          |          |    |   |   | <hr/>       |
| Net amount January 1, 1887               | .        | .  | . | . | \$72,683 62 |
| On which there has been collected        | \$44,438 | 51 |   |   | .           |
| And interest                             | .        | .  | . | . | 61 49       |
|                                          |          |    |   |   | <hr/>       |
|                                          |          |    |   |   | \$44,500 00 |

## ABATEMENTS ON 1886.

|                       |   |        |                       |   |   |          |
|-----------------------|---|--------|-----------------------|---|---|----------|
| Mrs. Lucy A. Barrett. | . | \$4 08 | Samuel D. Taylor      | . | . | \$8 48   |
| Mrs. E. P. Phinney    | . | 13 60  | Henry Hunt            | . | . | 8 66     |
| Mrs. C. W. Clinckard  | . | 4 86   | A. V. Lynde           | . | . | 2 72     |
| Mrs. Jennie Upham     | . | 4 76   | Benj. F. Gibbs        | . | . | 6 80     |
| Mrs. Esther Morcomb   | . | 6 80   | Oscar Armstrong       | . | . | 2 00     |
| Mrs. Maria E. White   | . | 3 28   | John Hawksby          | . | . | 4 08     |
| Mrs. Ann Collegan     | . | 6 38   | J. J. Doherty         | . | . | 1 36     |
| Mrs. Lyman Elmes      | . | 6 80   | D. Russell, Jr.       | . | . | 2 00     |
| Mrs. Rupert Everton   | . | .68    | J. Ricker             | . | . | 2 72     |
| Mrs. Zilpha Butler    | . | 5 64   | Miss Susan M. Parker  | . |   | 80       |
| Mrs. M. A. Livermore  | . | 20 40  | Miss S. A. Cooper     | . | . | 2 04     |
| Mrs. S. S. Twombly    | . | 6 80   | Miss Joanna Stackpole | . | . | 4 48     |
| Misses Conway         | . | 12 64  | Miss Mary R. Prince   | . | . | 6 80     |
| Misses Wheeler        | . | 12 00  | Geo. W. Woodman       | . | . | 20 00    |
| F. D. Howe, estate    | . | 2 00   |                       |   |   | <hr/>    |
| Lawrence Leonard      | . | 2 04   |                       |   |   | \$185 70 |

## FOR YEAR 1885.

|                                                  |          |    |   |   |             |
|--------------------------------------------------|----------|----|---|---|-------------|
| Net amount of collector's book, Jan. 1, 1886, as |          |    |   |   |             |
| per last report                                  | .        | .  | . | . | \$71,202 23 |
| Less abatements made in 1886                     | .        | .  | . | . | 66 71       |
|                                                  |          |    |   |   | <hr/>       |
| Net amount Jan. 1, 1887                          | .        | .  | . | . | \$71,135 52 |
| On which there has been collected,               | \$68,756 | 52 |   |   |             |
| And interest                                     | .        | .  | . | . | 943 48      |
|                                                  |          |    |   |   | <hr/>       |
|                                                  |          |    |   |   | \$69,700 00 |

## ABATEMENTS ON 1885, DURING 1886.

|                              |                                |
|------------------------------|--------------------------------|
| Geo. Hemmenway . . . \$12 78 | Mrs. James Sayse . . . \$5 59  |
| Wm. Parker estate . . . 4 02 | Mrs. Helen M. Owen . . . 3 51  |
| Henry C. Miller . . . 2 00   | Mrs. Mary D. Ellis . . . 8 40  |
| John Edwards . . . 2 19      | Mrs. Lyman Elmes . . . 6 36    |
| Fred Graham . . . 2 00       | Mrs. Zilpha Butler . . . 5 98  |
| Chas. Lakin . . . 2 00       | Miss Mary R. Prince . . . 7 10 |
| James Cassell . . . 2 78     |                                |
| Victor E. Wells . . . 2 00   |                                |
|                              | <hr/> \$66 71                  |

## FOR YEAR 1884.

|                                                                               |                   |
|-------------------------------------------------------------------------------|-------------------|
| Net amount of collector's book, Jan. 1, 1886, as<br>per last report . . . . . | \$64,455 14       |
| Less abatements made in 1886 . . . . .                                        | 55 25             |
| Net amount Jan. 1, 1887 . . . . .                                             | \$64,399 89       |
| On which there has been collected, \$63,930 30                                |                   |
| And interest . . . . . 997 18                                                 |                   |
|                                                                               | <hr/> \$64,927 48 |

## ABATEMENTS ON 1884, DURING 1886.

|                                   |                             |
|-----------------------------------|-----------------------------|
| Mrs. J. M. Critchett . . . \$5 25 | ——— Chandler . . . \$2 00   |
| James Higgins . . . 1 00          | Joseph Collins . . . 2 00   |
| E. McKennon . . . 2 00            | C. Butler . . . 2 00        |
| J. D. Biddle . . . 2 00           | Geo. F. Walker . . . 2 00   |
| Hiram S. Frasier . . . 2 00       | Alfred Hapgood . . . 2 00   |
| Henry Walker . . . 2 00           | John Nelson . . . 2 00      |
| John W. Robinson . . . 2 00       | Fred W. Peabody . . . 2 00  |
| James L. Higgins . . . 1 00       | John C. Morton . . . 2 00   |
| Chas. Schuster . . . 2 00         | James Fallon . . . 2 00     |
| Joseph Alden . . . 2 00           | Wm. M. Silks . . . 2 00     |
| Frank C. Andrews . . . 2 00       | John G. Kingsley . . . 2 00 |
| Wm. Burke . . . 2 00              | Jeremiah Mahoney . . . 2 00 |
| Stephen Burns . . . 2 00          |                             |
| George Cook . . . 2 00            |                             |
| James H. Coleman . . . 2 00       |                             |
|                                   | <hr/> \$55 25               |

## FOR YEAR 1883.

|                                                                              |                   |
|------------------------------------------------------------------------------|-------------------|
| Net amount of collector's book Jan. 1, 1886, as<br>per last report . . . . . | \$61,934 02       |
| Less abatements made in 1886 . . . . .                                       | 56 00             |
| Net amount Jan. 1, 1887 . . . . .                                            | \$62,878 02       |
| On which there has been collected, \$62,487 55                               |                   |
| And interest . . . . . 1,009 68                                              |                   |
|                                                                              | <hr/> \$63,497 23 |

## ABATEMENTS ON 1883, DURING 1886.

|                           |        |                        |         |
|---------------------------|--------|------------------------|---------|
| William J. Geary . . .    | \$1 00 | John Russell . . .     | \$2 00  |
| Jeremiah Lonney . . .     | 2 00   | Chas. E. Reade . . .   | 1 00    |
| Arthur T. Blakesley . . . | 2 00   | J. Alfred Ray . . .    | 2 00    |
| James E. McGrath . . .    | 2 00   | David Nelson . . .     | 2 00    |
| Benj. F. Dexter . . .     | 2 00   | Jacob S. Whitney . . . | 2 00    |
| John Crute . . .          | 2 00   | Young F. Walden . . .  | 2 00    |
| Wm. Foley . . .           | 2 00   | James A. Gardner . . . | 2 00    |
| Wm. E. Freeman . . .      | 2 00   | L. A. Doherty . . .    | 1 00    |
| John Dunn . . .           | 2 00   | Joseph Durgan . . .    | 2 00    |
| Chas. Foskett . . .       | 2 00   | O. W. Nelson . . .     | 2 00    |
| Hiram S. Frasier . . .    | 2 00   | J. E. Church . . .     | 2 00    |
| Peter Taylor . . .        | 2 00   | Joseph Alden . . .     | 2 00    |
| James Towhey . . .        | 2 00   | Fred A. Lock . . .     | 2 00    |
| Andrew Riddle . . .       | 2 00   | Charles Nelson . . .   | 2 00    |
| Hugh Dane . . .           | 2 00   |                        |         |
| James McEnery . . .       | 1 00   |                        | \$56 00 |

## FOR YEAR 1882.

|                                                  |             |
|--------------------------------------------------|-------------|
| Net amount of collector's book, Jan. 1, 1886, as |             |
| per last report . . . . .                        | \$57,683 03 |
| Less abatements made in 1886 . . . . .           | 68 00       |
| Net amount Jan. 1, 1887 . . . . .                | \$57,615 03 |
| On which there has been collected, \$57,280 51   |             |
| And interest . . . . .                           | 919 56      |
|                                                  | \$58,200 07 |

## ABATEMENTS ON 1882, DURING 1886.

|                          |        |                          |        |
|--------------------------|--------|--------------------------|--------|
| C. E. Allison . . .      | \$2 00 | Leonard T. Eames . . .   | \$2 00 |
| Geo. McNally . . .       | 2 00   | Stewart Crow . . .       | 2 00   |
| John A. Jewett . . .     | 2 00   | Warren A. Farr . . .     | 2 00   |
| John Higgins . . .       | 2 00   | N. L. Frothingham . . .  | 2 00   |
| Martin Gafney . . .      | 2 00   | Asaph Rice . . .         | 2 00   |
| J. P. Alexander . . .    | 2 00   | Matthew S. Shields . . . | 2 00   |
| Albert C. Barlow . . .   | 2 00   | John Russell . . .       | 2 00   |
| James Brennon . . .      | 2 00   | Charles Rouse . . .      | 2 00   |
| Ubert Brown . . .        | 2 00   | Thomas Preston . . .     | 2 00   |
| Francis Berringer . . .  | 2 00   | Thomas Pray . . .        | 2 00   |
| Peter H. Gallagher . . . | 1 00   | David Nelson . . .       | 2 00   |
| M. W. McAlmon . . .      | 2 00   | William Warner . . .     | 2 00   |
| John Comfrey . . .       | 2 00   | Daniel Howes . . .       | 2 00   |

|                        |        |                      |         |
|------------------------|--------|----------------------|---------|
| James A. Gardner . . . | \$2 00 | Rufus Tay . . .      | \$2 00  |
| Wm. Carroll . . .      | 1 00   | Eugene Gordeau . . . | 2 00    |
| Wm. Graves . . .       | 2 00   | Hugh Dane . . .      | 2 00    |
| John Rath . . .        | 2 00   |                      |         |
| Philip Stevens . . .   | 2 00   |                      | \$68 00 |
| Peter Gendrot . . .    | 2 00   |                      |         |

## FOR YEAR 1881.

Net amount of collector's book, Jan. 1, 1886, as  
per last report . . . . . \$53,888 10

On which there has been collected, \$53,788 17  
And interest . . . . . 835 92  
————— \$54,624 09

GEO. C. STANTIAL,  
GEO. F. BOARDMAN,  
MOSES BRIGGS,

*Assessors of Melrose for 1886.*

## COLLECTORS' REPORTS.

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### STATEMENT OF TAXES FOR YEAR 1886.

|                                              |                   |
|----------------------------------------------|-------------------|
| Amount of warrant and tax list received from |                   |
| the assessors . . . . .                      | \$72,711 04       |
| Additional assessments . . . . .             | 158 28            |
|                                              | <hr/> \$72,869 32 |
| Abatements in 1886 (see assessors' report) . | 185 70            |
|                                              | <hr/> \$72,683 62 |
| Interest collected . . . . .                 | 61 49             |
|                                              | <hr/> \$72,745 11 |
| Cash paid treasurer in 1886 . . . . .        | 44,500 00         |
|                                              | <hr/>             |
| Balance unpaid Jan. 1, 1887 . . . . .        | \$28,245 11       |

MOSES F. EASTMAN,  
*Collector for 1886.*

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### STATEMENT OF TAXES FOR YEAR 1885.

|                                                  |                   |
|--------------------------------------------------|-------------------|
| Balance unpaid Jan. 1, 1886, as per last report, | \$26,274 81       |
| Abatements in 1886 (see assessors' report) .     | 66 71             |
|                                                  | <hr/> \$26,208 10 |
| Interest collected in 1886 . . . . .             | 870 90            |
|                                                  | <hr/> \$27,079 00 |
| Cash paid treasurer in 1886 . . . . .            | 24,700 00         |
|                                                  | <hr/>             |
| Balance unpaid Jan. 1, 1887 . . . . .            | \$2,379 00        |

MOSES F. EASTMAN,  
*Collector for 1885.*

## STATEMENT OF TAXES FOR YEAR 1884.

|                                                   |            |
|---------------------------------------------------|------------|
| Balance unpaid Jan. 1, 1886, as per last report . | \$1,846 01 |
| Abatements in 1886 (see assessors' report) .      | 55 25      |
|                                                   | <hr/>      |
|                                                   | \$1,790 76 |
| Interest collected in 1886 . . . . .              | 106 31     |
|                                                   | <hr/>      |
|                                                   | \$1,897 07 |
| Cash paid treasurer in 1886 . . . . .             | 1,427 48   |
|                                                   | <hr/>      |
| Balance unpaid Jan. 1, 1887 . . . . .             | \$469 59   |

LEWIS G. COBURN,

*Collector for 1884.*

## STATEMENT OF TAXES FOR YEAR 1883.

|                                                   |          |
|---------------------------------------------------|----------|
| Balance unpaid Jan. 1, 1888, as per last report . | \$566 63 |
| Abatements in 1886 (see assessors' report) .      | 56 00    |
|                                                   | <hr/>    |
|                                                   | \$510 63 |
| Interest collected in 1886 . . . . .              | 6 60     |
|                                                   | <hr/>    |
|                                                   | \$517 23 |
| Cash paid treasurer in 1886 . . . . .             | 126 76   |
|                                                   | <hr/>    |
| Balance unpaid Jan. 1, 1887 . . . . .             | \$390 47 |

JONATHAN C. HOWES,

*Collector for 1883.*

## STATEMENT OF TAXES FOR YEAR 1882.

|                                                |          |
|------------------------------------------------|----------|
| Balance unpaid Jan. 1, 1886 . . . . .          | \$468 55 |
| Abatements in 1886 (see assessors' report) . . | 68 00    |
|                                                | <hr/>    |
|                                                | \$400 55 |
| Interest collected in 1886 . . . . .           | 4 08     |
|                                                | <hr/>    |
|                                                | \$404 63 |
| Cash paid treasurer in 1886 . . . . .          | 70 11    |
|                                                | <hr/>    |
| Balance unpaid Jan. 1, 1887 . . . . .          | \$334 52 |

JONATHAN C. HOWES,

*Collector for 1882.*

## STATEMENT OF TAXES FOR YEAR 1881.

|                                                   |          |
|---------------------------------------------------|----------|
| Balance unpaid Jan. 1, 1886, as per last report . | \$134 00 |
| Interest collected in 1886 . . . . .              | 2 20     |
|                                                   | <hr/>    |
|                                                   | \$136 20 |
| Cash paid treasurer in 1886 . . . . .             | 36 27    |
|                                                   | <hr/>    |
| Balance unpaid Jan. 1, 1887 . . . . .             | \$99 93  |

JONATHAN C. HOWES,  
*Collector for 1881.*



## REPORT OF ENGINEERS.

*To the Honorable Board of Selectmen :*

We have had no large losses by fire during the year ending Dec. 31, 1886. When called upon, the department has performed its duties in a creditable manner. Below will be found a statement of fires, losses, insurance, etc.

### REPORT OF FIRES, 1886.

|                                |     |                                             | INSURANCE. | LOSS.      |
|--------------------------------|-----|---------------------------------------------|------------|------------|
| Jan.                           | 8.  | A. Lynde, dwelling, chimney burnt out . . . |            |            |
| Feb.                           | 22. | W. L. Cheever, barn . . .                   |            | \$150 00   |
| "                              | 27. | D. L. Taylor, greenhouse . . .              | \$267 00   | 267 00     |
| "                              | 27. | D. L. Taylor, on plants . . .               | 1,375 00   | 1,375 00   |
| "                              | 27. | Daniel Casey, furniture . . .               | 150 00     | 200 00     |
| "                              | 28. | W. A. Smith, slight fire . . .              |            |            |
| May                            | 21. | F. Upham, load hay . . .                    |            | 15 00      |
| June                           | 10. | F. W. Hunt . . . . .                        | 850 00     | 1,000 00   |
| "                              | 10. | C. G. Brown . . . . .                       | 1,000 00   | 1,500 00   |
| July                           | 12. | Fire at Wakefield . . . . .                 |            |            |
| "                              | 16. | Fire at Stoneham . . . . .                  |            |            |
| Nov.                           | 15. | Mr. Cole, dwelling . . . . .                | 500 00     | 500 00     |
|                                |     |                                             | -----      | -----      |
|                                |     |                                             | \$4,142 00 | \$5,007 00 |
|                                |     |                                             |            | 4,142 00   |
|                                |     |                                             |            | -----      |
| Loss above insurance . . . . . |     |                                             |            | \$865 00   |

The department consists of three engineers and forty-five men, who have in their care three hose carriages, one hook and ladder truck, and forty-three hundred feet of hose, all of which

are in good repair. We recommend for repairs, and running expenses of the department for the ensuing year, an appropriation of \$2,000. For extra repairs on Russell hose house, the sum of \$100.

Respectfully submitted,

A. W. LYNDE,  
W. B. ELLIS,  
JOHN SINGER, JR.,  
*Engineers of Fire Department.*

# REPORT OF WATER COMMISSIONERS

FOR THE YEAR 1886.

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*To the Town of Melrose:*

In compliance with an Act of the Legislature passed April 2, 1870, the Melrose Water Board has the honor of submitting their seventeenth annual report, together with the report of the superintendent, to which we call your attention, as containing a detailed statement of the operations of the Water Department for the year ending Dec. 31, 1886.

We congratulate the town on the completion of the improved water supply by the committee appointed for that purpose, and for the satisfactory results. We believe that now we have one of the best systems of water works, and as good quality of water as any town in the Commonwealth. We respectfully call your attention to the report of committee hereto appended, giving full details and results.

Believing that quite a saving in the cost and improvement in the quality could be made by manufacturing our own pipe, the necessary machinery and tools were purchased and a shop fitted up on Winthrop Street about June 1; since that time, most of the pipe used has been made by the men employed on the works, and it is intended in the future to manufacture all the pipe used.

The receipts from water-takers exclusively the past year have been \$17,300.66, showing an increase over the year 1885 of \$2,107.87, which is the largest increase in any year since the completion of the water works.

At the annual town meeting held March 2, 1885, a committee was appointed, consisting of the Water Board, Nathan D. Blake and John B. Souther, to revise the water rates and prepare by-laws. Said committee have attended to that duty, and their report was accepted by the town at its annual meeting held March 1, 1886, and copies of the revised rates and by-laws have been printed and distributed.

Your Commissioners recommend appropriations for the coming year as follows:—

For hydrants, Town Hall, schoolhouses, engine and hose houses, ornamental and drinking fountains, the sum of \$2,000.

For dwelling-house for engineer at pond, the sum of \$2,000, and the unexpended balance of the amount appropriated by the town for the improved water supply.

### FINANCIAL.

|                                               |              |
|-----------------------------------------------|--------------|
| Cost of water works to January                |              |
| 1, 1886 . . . . .                             | \$194,770 98 |
| Cost of construction as per report            |              |
| of superintendent . . . . .                   | 7,099 95     |
| Cost of improved water supply . . . . .       | 39,098 21    |
|                                               | <hr/>        |
| Cost of water works to Jan. 1, 1887 . . . . . | \$240,969 14 |

### INTEREST ACCOUNT.

|                                             |             |
|---------------------------------------------|-------------|
| 1886.                                       |             |
| April 1, Paid coupons on \$50,000 . . . . . | \$1,500 00  |
| May 1, " " " 35,000 . . . . .               | 700 00      |
| July 1, " " " 100,000 . . . . .             | 3,000 00    |
| Oct. 1, " " " 50,000 . . . . .              | 1,500 00    |
| Nov. 1, " " " 35,000 . . . . .              | 700 00      |
| 1887.                                       |             |
| Jan. 1, Paid coupons on \$100,000 . . . . . | 3,000 00    |
|                                             | <hr/>       |
|                                             | \$10,400 00 |

### RECEIPTS.

|                                          |                    |
|------------------------------------------|--------------------|
| From town for use of water . . . . .     | \$2,000 00         |
| " city of Malden . . . . .               | 232 50             |
| " water rates . . . . .                  | 17,300 66          |
| " pipe account . . . . .                 | 1,122 36           |
| " shutting off water . . . . .           | 2 00               |
| " notice . . . . .                       | 20                 |
| " return premium on insurance, . . . . . | 9 25               |
|                                          | <hr/>              |
|                                          | \$20,666 97        |
|                                          | <hr/>              |
| <i>Amount carried forward . . . . .</i>  | <i>\$20,666 97</i> |

*Amount brought forward* . . . . \$20,666 97

## CONTRA.

|                                                                 |             |            |
|-----------------------------------------------------------------|-------------|------------|
| Paid on interest account . . .                                  | \$10,400 00 |            |
| Maintenance account, as per report<br>of superintendent . . . . | 8,323 78    |            |
|                                                                 | <hr/>       | 18,723 78  |
| Surplus for the year . . . . .                                  |             | \$1,943 19 |

## FURNITURE, STOCK, TOOLS, ETC., ON HAND JAN. 1, 1887.

|                                        |            |
|----------------------------------------|------------|
| Office furniture . . . . .             | \$460 00   |
| Tools and machinery of all kinds . . . | 669 00     |
| Stock for services and repairs . . . . | 1,088 00   |
| Stock for construction . . . . .       | 1,340 00   |
| Horse and carriages . . . . .          | 360 00     |
|                                        | <hr/>      |
|                                        | \$3,917 00 |

WINGATE P. SARGENT,  
WILBUR D. FISKE,  
J. R. JONES,

*Commissioners.*

REPORT OF SUPERINTENDENT.

---

*Melrose Water Commissioners :*

GENTLEMEN, — I herewith submit to you my annual report, showing the transactions, operations, and present condition of the Water Department for the year ending Dec. 31, 1886.

## THE POND.

A sudden thaw in February caused a rapid rise of the water, which for a time gave no little anxiety for the safety of the dam, without, however, any serious results, although a large quantity continued running through the waste-way for several days. The water remained at high-water mark, or above, till April 26.

During the past year several substantial and needed improvements have been made by Malden and Melrose at the pond and about the gate-house. About thirty feet of sixteen-inch pipe has been connected with the gate-house and extended into the pond; the dam has been strengthened, a wall built on each side of the roll-way, the channel for the overflow widened, and a wall built at the sides to prevent the water from washing the driveway, which has been widened and newly graded.

Since the town has been supplied from the reservoir, the water is of much purer quality, being drawn from the pond at a greater depth and gravelly bottom, and is therefore free from the mud and leaves that formerly found their way into the pipes under the gravity system.

The lowest point reached was Nov. 10, when the water was fifty-five inches below high-water mark; since that time it has continued to rise, and at present (Dec. 31) is forty-seven inches below.

## RECORD.

*Rise and fall of Pond in 1886.*

|       |     |                              |                               |   |   |
|-------|-----|------------------------------|-------------------------------|---|---|
| Jan.  | 1.  | 17 $\frac{1}{4}$             | inches below high-water mark. |   |   |
| "     | 10. | 13                           | "                             | " | " |
| "     | 20. | 13                           | "                             | " | " |
| "     | 30. | 9                            | "                             | " | " |
| Feb.  | 10. | 7 $\frac{1}{4}$              | "                             | " | " |
| "     | 13. | Full pond.                   |                               |   |   |
| "     | 20  | "                            |                               |   |   |
| "     | 28. | "                            |                               |   |   |
| Mar.  | 10. | "                            |                               |   |   |
| "     | 20. | "                            |                               |   |   |
| "     | 30. | "                            |                               |   |   |
| April | 10. | "                            |                               |   |   |
| "     | 20. | "                            |                               |   |   |
| "     | 26. | $\frac{1}{2}$                | inch below high-water mark.   |   |   |
| "     | 30. | 1 $\frac{1}{4}$              | "                             | " | " |
| May   | 10. | 2                            | "                             | " | " |
| "     | 20. | 2 $\frac{1}{2}$              | "                             | " | " |
| "     | 30. | 4 $\frac{1}{2}$              | "                             | " | " |
| June  | 10. | 7 $\frac{3}{4}$              | "                             | " | " |
| "     | 20. | 10 $\frac{1}{2}$             | "                             | " | " |
| "     | 30. | 14                           | "                             | " | " |
| July  | 10. | 19                           | "                             | " | " |
| "     | 20. | 20 $\frac{1}{2}$             | "                             | " | " |
| "     | 30. | 22 $\frac{3}{4}$             | "                             | " | " |
| Aug.  | 10. | 20                           | "                             | " | " |
| "     | 20. | 28 $\frac{3}{4}$             | "                             | " | " |
| "     | 30. | 32 $\frac{1}{2}$             | "                             | " | " |
| Sept. | 10. | 36 $\frac{1}{4}$             | "                             | " | " |
| "     | 20. | 39 $\frac{3}{4}$             | "                             | " | " |
| "     | 30. | 47                           | "                             | " | " |
| Oct.  | 10. | 46                           | "                             | " | " |
| "     | 20. | 54 $\frac{1}{4}$             | "                             | " | " |
| "     | 30. | 52 $\frac{1}{2}$             | "                             | " | " |
| Nov.  | 10. | 55 inches, the lowest point. |                               |   |   |
| "     | 20. | 53 $\frac{1}{4}$             | inches below high water mark. |   |   |
| "     | 30. | 54 $\frac{1}{4}$             | "                             | " | " |



|      |     |                  |                               |
|------|-----|------------------|-------------------------------|
| Dec. | 10. | 54 $\frac{1}{4}$ | inches below high-water mark. |
| "    | 20. | 52 $\frac{1}{2}$ | " " "                         |
| "    | 30. | 47               | " " "                         |

## COMPARATIVE RECORD.

*Showing the lowest points below high-water mark to which the pond has been drawn since 1874.*

- 1874.—Lowest point, 43 inches, Dec. 7.
- 1875.—Lowest point, 61 inches, Feb. 22. Pond full, June 23. Next lowest point, 33 inches, Nov. 10.
- 1876.—Lowest point, 37 inches, Nov. 6. Pond full, March 25.
- 1877.—Lowest point, 33 inches, Sept. 30. Pond full, March 15.
- 1878.—Lowest point, 27 $\frac{1}{2}$  inches, Nov. 13. Pond full, Jan. 15. Pond full second time, Dec. 14.
- 1879.—Lowest point, 45 inches, Dec. 20. Pond full and running over at waste-way from Jan. 1 to May 20.
- 1880.—Lowest point, 63 $\frac{1}{4}$  inches, Dec. 30; highest point, May 10; being then 12 inches below high-water mark.
- 1881.—Lowest point, 65 inches, Jan. 8, at which time the water was down to the top of the pipe at the gate-house; commenced pumping and continued until Jan. 22. The pump was started again Feb. 6, and run until Feb. 13. Pond full and running over from March 22 to April 30. Next lowest point, 32 inches, Dec. 22.
- 1882.—Lowest point, 37 $\frac{1}{2}$  inches, Dec. 21. Pond full and running over at waste-way from March 3 to April 3.
- 1883.—Lowest point, 82 inches, Dec. 30. The highest point reached was 15 inches below high-water mark, May 30. Commenced pumping Sept. 23, and continued to pump to this time, Dec. 31.
- 1884.—Lowest point, 82 $\frac{1}{2}$  inches, Jan. 1. Pond full and running over from April 16 to May 10. Next lowest point, 40 $\frac{1}{4}$  inches, Nov. 23.
- 1885.—Lowest point, 41 $\frac{1}{2}$  inches, Oct. 13. The highest point reached was on May 24, when it was 4 $\frac{1}{2}$  inches below high-water mark.
- 1886.—Lowest point 55 inches, Nov. 10. Full pond, running over at water-way from Feb. 14 to April 26.

## IMPROVED WATER SUPPLY.

The water was turned on from the reservoir Sept. 2. The increased pressure on the pipes caused, for a time, quite a large number of breaks, although at present the number is greatly diminished, and probably the weak places are about all repaired.

It was found in all cases that the breaks occurred in the pipes first laid, and were caused by the pipes becoming rusty from imperfect cementing. None of the breaks having occurred in the pipes laid by the town, is conclusive proof that the cement-lined pipes are of sufficient strength to withstand the increased pressure, when properly laid.

## TABLE SHOWING LEVELS BELOW SPOT POND ROLLWAY.

Surveys made in 1884 by PERCY M. BLAKE, C. E., and  
GEORGE H. BISHOP, C. E.

| Below<br>Rollway. |                                                                      |
|-------------------|----------------------------------------------------------------------|
| Feet.             | Reservoir 98 feet above rollway.                                     |
| 0.00              | Rollway.                                                             |
| 5.61              | Lowest point on pipe line between Woodland Avenue and Ravine road.   |
| 22.39             | Summit of Ravine road, near spring barrel in ground.                 |
| 83.00             | Northwest corner Ravine road and Washington Street.                  |
| 92.20             | Intersection of Ravine road and Wyoming Avenue.                      |
| 97.19             | Intersection of Trenton Street and Wyoming Avenue.                   |
| 98.53             | West rail Boston & Maine Railroad at Wyoming station.                |
| 0.37              | Piazza floor of W. P. Sargent's house on Wyoming Hill.               |
| 99.62             | Intersection Berwick Street and Wyoming Avenue.                      |
| 91.56             | Corner Maine and Foster Streets.                                     |
| 86.06             | Fall from rollway to top of underpinning of Town Hall.               |
| 32.00             | Sill of lower window of J. O. Norris's house, Cedar Park.            |
| 92.17             | Intersection of Main and Essex Streets.                              |
| 41.09             | Intersection of Upham Street and Bellevue Avenue.                    |
| 13.78             | Sill of Upham Street schoolhouse.                                    |
| 18.00             | In front of G. W. Chipman's house on extension of Tremont Street.    |
| 3.00              | Top of hill, opposite G. W. Chipman's house.                         |
| 73.00             | Track of Boston & Maine Railroad, 100 feet north of Franklin Street. |
| 18.00             | Foundation of P. W. Curry's house, Orris Street.                     |
| 3.16              | Doleful Pond above Spot Pond, Nov. 13, 1884.                         |

## STREET MAINS.

Pipe has been laid the past year as specified below :—

One thousand eight hundred and ninety-four feet of 6-inch, three thousand four hundred and six feet of 4-inch, one thousand and seventeen feet of 2-inch, and one hundred and sixty-four feet of 1½ inch.

It will be seen by the report of the Committee on improved Water Supply that the town has come into full possession, by purchase from the city of Malden, of the following pipe, formerly owned jointly, namely: seven thousand one hundred and seventy feet of 16-inch from the pond to Main Street; four thousand and one hundred feet of 12-inch on Main Street, from Wyoming Avenue to the Malden line, and eight hundred and fifty feet of 4-inch on Washington Street from Ravine road to Red Mills; also all gates and hydrants connected.

TABLE SHOWING LOCATION, SIZE, LENGTH, ETC., OF DISTRIBUTING PIPES LAID IN 1886.

| STREETS.         | LOCATIONS.                | Length in ft. of each size. |       |       |        | GATES | Hydrants. | Cost.      |
|------------------|---------------------------|-----------------------------|-------|-------|--------|-------|-----------|------------|
|                  |                           | 6-in.                       | 4-in. | 2-in. | 1½-in. |       |           |            |
| Emerson .....    | Extended (East).....      | 416                         | ..... | ..... | .....  | 1     | ...       | \$416 00   |
| Foster .....     | Extended (West).....      | 175                         | ..... | ..... | .....  | ..... | .....     | 157 00     |
| Para .....       | From Borneo (South)....   | 268                         | ..... | ..... | .....  | ..... | .....     | 241 20     |
| Panama .....     | From Borneo (South)....   | 112                         | ..... | ..... | .....  | ..... | .....     | 100 80     |
| Borneo .....     | From Washington to Para.  | 924                         | ..... | ..... | .....  | 1     | 2         | 831 60     |
| Mt. Vernon ....  | From Chestnut (West) ...  | .....                       | 157   | ..... | .....  | ..... | .....     | 125 60     |
| Circuit .....    | From Hurd (North) .....   | .....                       | 128   | ..... | .....  | 1     | .....     | 115 20     |
| Pine .....       | From Poplar (West) .....  | .....                       | 338   | ..... | Ledge  | 1     | 1         | 473 20     |
| Washington ....  | Extended (South) .....    | .....                       | 415   | ..... | .....  | ..... | .....     | 332 00     |
| Russell .....    | From Trenton (East).....  | .....                       | 448   | ..... | .....  | ..... | .....     | 313 60     |
| Glen .....       | Extended (West).....      | .....                       | 300   | ..... | .....  | ..... | .....     | 210 00     |
| Boardman .....   | From Tremont (East) ..... | .....                       | 530   | ..... | .....  | 1     | .....     | 371 00     |
| Orient .....     | Extended (South) .....    | .....                       | 229   | ..... | .....  | ..... | .....     | 171 75     |
| Walton Park...   | From Orris (South) .....  | .....                       | 521   | ..... | Ledge  | ..... | 1         | 677 30     |
| Orris .....      | Extended (West).....      | .....                       | 340   | ..... | .....  | 1     | .....     | 255 00     |
| Howard .....     | Extended (East) .....     | .....                       | ..... | 483   | .....  | ..... | .....     | 217 35     |
| Linden .....     | From Porter (North) ..... | .....                       | ..... | 200   | .....  | 1     | .....     | 120 00     |
| Orient Place ... | From Orient (East) .....  | .....                       | ..... | 184   | .....  | 1     | .....     | 110 40     |
| Battery Place .. | From Dell Ave. (East).... | .....                       | ..... | 150   | .....  | 1     | .....     | 60 00      |
| Kimball Place..  | From Myrtle (East) .....  | .....                       | ..... | ..... | 164    | 1     | .....     | 49 20      |
|                  |                           | 1,895                       | 3,406 | 1,017 | 164    | 10    | 4         | \$5,348 20 |

## HYDRANTS.

Six new hydrants have been added to the fire service since the last report.

One on Walton Park, south of Orris Street.

One on Pine Street, near the house of Mr. Burnham.

Two on Borneo Street, between Washington and Pleasant Streets.

One near the pumping station (on line new 12-inch pipe).

One near the house of G. F. Butterfield (on line new 12-inch pipe).

The city of Malden has placed two hydrants on their Washington Street line of pipe, near the factory of the Boston Rubber Shoe Company.

Whole number now available for fire service, one hundred and seventeen.

The hydrant at corner of Essex and Vine Streets has been removed to the opposite corner.

One each on Poplar, Grove, and Tremont Streets has been replaced by a new one.

Several have been repaired by the addition of new rods and valves; all have been thoroughly examined, oiled, and painted, and are in good condition.

## GATES SET IN 1886.

Twenty-one new gates have been added to the pipe lines since last report, viz. :—

Two 16-inch gates on Ravine road.

Two 12-inch gates between pumping station and intersection of pipe.

Two 12-inch gates on reservoir and Ravine road.

One 6-inch gate on Emerson Street, east of Bellevue Avenue.

One 6-inch gate near Borneo, east of Washington Street.

One 6-inch gate near reservoir (waste).

One 4-inch gate on Vine Street, west of Myrtle Street.

One 4-inch gate on Winthrop Street, east of Myrtle Street.

One 4-inch gate on Orris Street, opposite Warren Street.

One 4-inch gate on Circuit Street, north of Hurd Street.

One 4-inch gate on Melrose Street, west of Ashland Street.

One 4-inch gate on Ashland Street, north of Melrose Street.

One 4-inch gate on Russell Street, east of Trenton Street.

One 4-inch gate on Pine Street, west of Poplar Street.

One 4-inch gate on Boardman Street, east of Tremont Street.

One 2-inch gate on Linden Street, north of Porter Street.

One 2-inch gate on Orient Place, east of Orient Street.

One 2 inch gate on Battery Place, east of Dell Avenue.

Several gates have been repacked and put in good condition, and nineteen decayed wooden gate-boxes have been replaced with iron.

#### SERVICE PIPES.

One hundred and sixteen new services have been put in the past year, being the largest number in any year since the introduction of water

#### TABLE OF SERVICE PIPES.

|                                                              |             |
|--------------------------------------------------------------|-------------|
| $\frac{3}{4}$ -inch pipe from main pipe to street line . . . | 2,825 feet. |
| $\frac{3}{4}$ " " " street line to cellars . . .             | 2,581 "     |

Total number of services connected with the mains at the present time, thirteen hundred and twenty-nine.

#### SERVICES RELAID.

Nineteen services have been relaid.

Forty-three decayed wooden service-boxes have been replaced with iron.

#### WATER-TAKERS.

|                           |      |
|---------------------------|------|
| Families . . . . .        | 1382 |
| Apothecaries . . . . .    | 4    |
| Barber shops . . . . .    | 4    |
| Bake-houses . . . . .     | 2    |
| Blacksmith shop . . . . . | 1    |
| Boarding-houses . . . . . | 4    |
| Churches . . . . .        | 7    |
| Carriage shop . . . . .   | 1    |

|                                                     |     |
|-----------------------------------------------------|-----|
| Engine and hose houses . . . . .                    | 4   |
| Fish markets . . . . .                              | 3   |
| Greenhouses . . . . .                               | 7   |
| Hand hose . . . . .                                 | 349 |
| Hydrants . . . . .                                  | 115 |
| Halls . . . . .                                     | 7   |
| Laundry . . . . .                                   | 1   |
| Livery and boarding stables . . . . .               | 3   |
| Manufactories . . . . .                             | 5   |
| Motors . . . . .                                    | 1   |
| Ornamental fountains . . . . .                      | 5   |
| Private stables . . . . .                           | 88  |
| Printing office . . . . .                           | 1   |
| Public drinking fountains . . . . .                 | 5   |
| Public ornamental fountains . . . . .               | 2   |
| Railroad depots . . . . .                           | 4   |
| Standpipes . . . . .                                | 3   |
| Schoolhouses . . . . .                              | 9   |
| Stores and shops . . . . .                          | 21  |
| Truck and cart stables . . . . .                    | 29  |
| Number of water-takers as per register, 1887, 1,553 |     |
| Number of water-takers as per register, 1886, 1,404 |     |
| <hr/>                                               |     |
| Increase over 1889 . . . . .                        | 149 |

## RECEIPTS FOR WATER.

*Amount received for Water Rates exclusively.*

|                   |         |    |
|-------------------|---------|----|
| 1870-71 . . . . . | \$3,909 | 29 |
| 1872 . . . . .    | 5,141   | 84 |
| 1873 . . . . .    | 6,133   | 88 |
| 1874 . . . . .    | 7,202   | 31 |
| 1875 . . . . .    | 7,882   | 85 |
| 1876 . . . . .    | 8,788   | 93 |
| 1877 . . . . .    | 8,850   | 45 |
| 1878 . . . . .    | 9,267   | 95 |
| 1879 . . . . .    | 9,717   | 13 |
| 1880 . . . . .    | 9,823   | 14 |
| 1881 . . . . .    | 10,223  | 84 |
| 1882 . . . . .    | 10,818  | 84 |

|                |             |
|----------------|-------------|
| 1883 . . . . . | \$12,826 05 |
| 1884 . . . . . | 13,695 51   |
| 1885 . . . . . | 15,192 79   |
| 1886 . . . . . | 17,300 66   |

Estimated income for 1887, \$18,000.

#### MAINTENANCE ACCOUNT, 1886.

|                                                                        |                   |
|------------------------------------------------------------------------|-------------------|
| Summers & Hunt, fittings . . . . .                                     | \$71 32           |
| Chapman Valve Company, repairing valves . . . . .                      | 2 95              |
| Cunningham Iron Works, service pipe . . . . .                          | 427 73            |
| J. C. Howes, labor and material . . . . .                              | 117 15            |
| S. E. Benson, cement . . . . .                                         | 140 34            |
| Thomas McCoubry, repairing tools . . . . .                             | 84 22             |
| A. W. Lynde, teaming gravel . . . . .                                  | 36 85             |
| Dalton & Ingersoll, fittings and solder . . . . .                      | 107 71            |
| Addison Lane, salary, expenses, and rent shop . . . . .                | 1,080 12          |
| Eastman's Express, expressing . . . . .                                | 77 77             |
| Edson Manufacturing Company, pump . . . . .                            | 58 87             |
| Library Bureau, binders . . . . .                                      | 1 75              |
| Parker & Wood, hardware . . . . .                                      | 33 83             |
| Geo. W. Bartlett, horse and wagon, horse hire<br>and keeping . . . . . | 611 35            |
| Town of Melrose, taxes . . . . .                                       | 3 40              |
| Davis & Farnum Manufacturing Company, iron<br>pipe . . . . .           | 377 26            |
| Goodhue & Birnie, cement pipe . . . . .                                | 54 00             |
| Wiley & Richardson, lead and oil . . . . .                             | 17 78             |
| Joel Atwood, carpenter work . . . . .                                  | 25 04             |
| Bugbee & Barrett, supplies . . . . .                                   | 37 90             |
| Osborn E. Drown, distributing notices . . . . .                        | 18 40             |
| James Mitchell, coal . . . . .                                         | 26 25             |
| Norwich Union Fire Insurance Company, insur-<br>ance . . . . .         | 18 75             |
| Dexter Pratt, laying pipe into pond . . . . .                          | 85 72             |
| Whittier Machine Company, valves . . . . .                             | 15 00             |
| <i>Amount carried forward . . . . .</i>                                | <i>\$3,531 46</i> |



|                                             |   |   |   |   |            |
|---------------------------------------------|---|---|---|---|------------|
| <i>Amount brought forward</i>               | . | . | . | . | \$3,531 46 |
| John Larrabee, clerical service             | . | . | . | . | 5 00       |
| H. S. Ingalls, hydrant rods                 | . | . | . | . | 8 20       |
| Isburgh & Co., pung and bells               | . | . | . | . | 50 50      |
| James Marshall, teaming gravel              | . | . | . | . | 9 20       |
| A. J. Manning, teaming                      | . | . | . | . | 25 00      |
| Jesse A. Dill, night luncheons              | . | . | . | . | 17 65      |
| Asa N. Wheeler, dies                        | . | . | . | . | 3 57       |
| W. W. Boardman, horse hire                  | . | . | . | . | 59 00      |
| John R. Jones, commissioner                 | . | . | . | . | 50 00      |
| Wilbur D. Fiske, "                          | . | . | . | . | 50 00      |
| Wingate P. Sargent, "                       | . | . | . | . | 50 00      |
| Peter McGeoch, gravel                       | . | . | . | . | 7 40       |
| J. B. Johnson, harness, etc.                | . | . | . | . | 27 85      |
| Shawmut Paper Box Company, pamphlet box     | . | . | . | . | 8 75       |
| Ætna Rubber Mills, rubber mittens and cloth | . | . | . | . | 14 35      |
| T. W. Ripley, printing reports              | . | . | . | . | 10 00      |
| Boston & Maine Railroad, freight            | . | . | . | . | 14 95      |
| Walter B. Ellis, labor                      | . | . | . | . | 54 25      |
| William L. Williams, printing               | . | . | . | . | 25 25      |
| M. F. Whitton & Co., hemp cord              | . | . | . | . | 10 81      |
| City of Malden, cement pipe                 | . | . | . | . | 26 25      |
| Henry B. Newhall, distributing notices      | . | . | . | . | 11 00      |
| Boston Rubber Shoe Company, rubber boots    | . | . | . | . | 15 00      |
| Boston Bolt Company, bolts                  | . | . | . | . | 20 67      |
| Edwards Brothers, repairs                   | . | . | . | . | 50 00      |
| Dexter Brothers, white lead                 | . | . | . | . | 19 95      |
| Osgood & Hart, castings                     | . | . | . | . | 84 95      |
| F. H. Tyzzer, painting                      | . | . | . | . | 7 00       |
| W. A. Greenough, directory                  | . | . | . | . | 2 00       |
| Samuel Hobbs & Co., ledger                  | . | . | . | . | 3 50       |
| C. G. Harris, cotton cloth                  | . | . | . | . | 3 40       |
| Andrew J. Morse & Son, hose                 | . | . | . | . | 22 50      |
| L. T. Freeman, teaming                      | . | . | . | . | 47 30      |
| C. F. Churchill, engineer                   | . | . | . | . | 233 32     |
| Leonard & Ellis, oil                        | . | . | . | . | 52 90      |
| M. F. Eastman, coal                         | . | . | . | . | 34 00      |
| <i>Amount carried forward</i>               | . | . | . | . | \$4,666 93 |

|                                          |   |   |   |   |            |
|------------------------------------------|---|---|---|---|------------|
| <i>Amount brought forward</i>            | . | . | . | . | \$4,666 93 |
| Seibert Oil Cup Company, oil cup         | . | . | . | . | 75         |
| Warren J. Lewis, grate cleaner           | . | . | . | . | 2 50       |
| Albert B. Franklin, valves and fittings  | . | . | . | . | 7 05       |
| Sherburne & Co., cotton waste            | . | . | . | . | 5 51       |
| Gardner & Chandler, sundry tools         | . | . | . | . | 25 92      |
| S. E. Benson, coal                       | . | . | . | . | 535 73     |
| Cotton & Woolen Mfg. Ins. Co., insurance | . | . | . | . | 56 72      |
| Phillips & Hodgden, coal                 | . | . | . | . | 69 60      |
| Jenkins Bros, packing                    | . | . | . | . | 5 74       |
| George H. Sampson, powder                | . | . | . | . | 32 60      |
| Labor bills                              | . | . | . | . | 2,814 73   |
| Addison Lane, extra services             | . | . | . | . | 100 00     |
|                                          |   |   |   |   | <hr/>      |
|                                          |   |   |   |   | \$8,323 78 |

## CONSTRUCTION ACCOUNT.

|                                     |              |
|-------------------------------------|--------------|
| Cost of water works to Jan. 1, 1886 | \$194,727 65 |
| Error in printed report             | 43 33        |
| Cost of improved water supply       | 39,098 21    |
| <hr/>                               |              |
| \$233,869 19                        |              |

Expended this year as follows:—

|                                           |      |              |
|-------------------------------------------|------|--------------|
| City of Somerville, tools and stock       | .    | \$604 89     |
| Fuller, Dana & Fitz, iron                 | .    | 1,192 82     |
| Town of Medford, pipe iron                | .    | 855 20       |
| W. P. Hood, sand                          | .    | 8 00         |
| Oscar N. Kennard, sand                    | .    | 23 25        |
| Holmes & Blanchard, gearing               | .    | 10 30        |
| Summers & Hunt, corporation stops         | .    | 132 40       |
| Chapman Valve Company, gates and hydrants | .    | 246 35       |
| Cunningham Iron Works, service pipe,      | 6. 3 | 41           |
| Boston Lead Mfg. Company, lead pipe,      | 59   | 71           |
| J. C. Howes, corporations                 | .    | 19 25        |
| Wm. E. Locke, expressing                  | .    | 57 45        |
| S. E. Benson, cement                      | .    | 343 56       |
| M. F. Eastman, cement                     | .    | 44 35        |
| Coffin Valve Company, hydrants            | .    | 198 12       |
| Walworth Mfg. Company, gate-boxes         | .    | 137 86       |
|                                           |      | <hr/>        |
|                                           |      | 4,556 92     |
| <i>Amount carried forward</i>             | .    | \$238,426 11 |

|                                     |   |   |   |   |                    |
|-------------------------------------|---|---|---|---|--------------------|
| <i>Amount brought forward</i>       | . | . | . | . | \$238,426 11       |
| Thomas McCoubry, repairing tools    | . | . | . | . | 94 37              |
| A. W. Lynde, blasting               | . | . | . | . | 16 00              |
| L. B. Rowe, sand                    | . | . | . | . | 35 00              |
| Somerville Iron Foundry, castings   | . | . | . | . | 238 08             |
| Dalton & Ingersoll, stopcocks       | . | . | . | . | 106 21             |
| Labor bills                         | . | . | . | . | 1,905 37           |
|                                     |   |   |   |   | <hr/> 2,543 03     |
| Cost of water works to Jan. 1, 1887 | . | . | . | . | <hr/> \$240,969 14 |

I have collected, as specified below, for water rates, including \$2,000 appropriated by the town, the sum of \$19,300.66, and from other sources \$1,366.31, making a total of \$20,666.97, which sum has been paid to the town treasurer, and for which I hold his receipts.

The following table shows the different classes of water-takers, and the amount paid by each; also the amounts received from other sources:—

|                               |   |   |   |                   |
|-------------------------------|---|---|---|-------------------|
| Received from families        | . | . | . | \$14,290 71       |
| “ “ stores and shops          | . | . | . | 161 75            |
| “ “ manufactories             | . | . | . | 455 00            |
| “ “ use of hose               | . | . | . | 999 00            |
| “ “ stables                   | . | . | . | 941 62            |
| “ “ motors                    | . | . | . | 6 00              |
| “ “ meters                    | . | . | . | 104 58            |
| “ “ greenhouses               | . | . | . | 117 00            |
| “ “ halls                     | . | . | . | 64 00             |
| “ “ fountains                 | . | . | . | 27 00             |
| “ “ churches                  | . | . | . | 57 00             |
| “ “ depots                    | . | . | . | 56 00             |
| “ “ use of standpipes         | . | . | . | 15 00             |
| “ “ private school            | . | . | . | 6 00              |
|                               |   |   |   | <hr/> \$17,300 66 |
| “ “ city of Malden            | . | . | . | \$232 50          |
| “ “ pipe account              | . | . | . | 1,122 36          |
| “ “ town of Melrose           | . | . | . | 2,000 00          |
|                               |   |   |   | <hr/> 3,354 86    |
| <i>Amount carried forward</i> | . | . | . | \$20,655 52       |

|                                                   |             |
|---------------------------------------------------|-------------|
| <i>Amount brought forward</i> . . . . .           | \$20,655 52 |
| Received from shutting off water,<br>etc. . . . . | \$2 20      |
| “ “ returned premium on<br>insurance . . . . .    | 9 25        |
|                                                   | <hr/>       |
|                                                   | 11 45       |
| Total . . . . .                                   | \$20,666 97 |

Respectfully submitted,

ADDISON LANE,

*Superintendent.*

## WATER RATES.

### DWELLING-HOUSES.

|                                                                                                                                                                 | PER YEAR. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Occupied by one family, for the first faucet . . . . .                                                                                                          | \$6 00    |
| For each additional faucet to be used for the<br>same family . . . . .                                                                                          | 2 00      |
| When a house is occupied by more than one fam-<br>ily and less than four, one faucet only being<br>used for all, for each family . . . . .                      | 5 00      |
| When a house is occupied by four or more fam-<br>ilies, and but one faucet is used for all, for<br>each family . . . . .                                        | 4 00      |
| When a house is occupied by more than one<br>family, the highest rates will be charged for<br>each family having water carried into their<br>part of the house. |           |
| For the first water-closet . . . . .                                                                                                                            | 5 00      |
| For each additional water-closet . . . . .                                                                                                                      | 3 00      |
| For the first bath-tub . . . . .                                                                                                                                | 5 00      |
| For each additional bath-tub . . . . .                                                                                                                          | 3 00      |

Provided that no private house occupied by one family shall pay more than \$25 per year.

|                                                                                  |      |
|----------------------------------------------------------------------------------|------|
| For each additional family using either a bath-<br>tub or water-closet . . . . . | 3 00 |
|----------------------------------------------------------------------------------|------|

When two faucets are used, one for hot and one for cold water, both emptying into one vessel, but one charge will be made for both.

## BOARDING-HOUSES.

|                                                                   |         |
|-------------------------------------------------------------------|---------|
| For the first faucet . . . . .                                    | \$10 00 |
| For each additional faucet . . . . .                              | 2 00    |
| For water-closet or bath-tub, when used for<br>boarders . . . . . | 10 00   |
| Other charges as above.                                           |         |

## STORES.

|                                                                             |                 |
|-----------------------------------------------------------------------------|-----------------|
| Occupied as office, shop, or similar purpose, for<br>first faucet . . . . . | \$6 00 to 20 00 |
| For each additional faucet . . . . .                                        | 2 00            |
| For water-closet or urinal . . . . .                                        | 6 00            |

## STABLES.

|                                     |        |
|-------------------------------------|--------|
| For first horse . . . . .           | \$4 00 |
| For each additional horse . . . . . | 2 00   |
| For first cow . . . . .             | 2 00   |
| For each additional cow . . . . .   | 1 00   |

## LIVERY, CLUB, AND BOARDING STABLES.

|                                     |        |
|-------------------------------------|--------|
| For first horse . . . . .           | \$4 00 |
| For each additional horse . . . . . | 2 00   |

The above includes water for washing carriages.

Where hose is used, \$5.00 additional.

## TRUCK AND CART STABLES.

|                                     |        |
|-------------------------------------|--------|
| For first horse . . . . .           | \$3 00 |
| For each additional horse . . . . . | 1 00   |

The above includes water for washing carriages.

## HOSE

|                           |                 |
|---------------------------|-----------------|
| For use of hose . . . . . | \$3 00 to 10 00 |
|---------------------------|-----------------|

As may be agreed upon by the water commissioners.

## HOTELS.

|                                             |        |
|---------------------------------------------|--------|
| For each bed for boarders and lodgers . . . | \$3 00 |
|---------------------------------------------|--------|

## BATHS.

|                                                  |         |
|--------------------------------------------------|---------|
| For public baths, and for each bath in any hotel | \$10 00 |
| For water-closet in public bath-houses . . .     | 10 00   |

## STEAM-ENGINES.

|                                                                                            |        |
|--------------------------------------------------------------------------------------------|--------|
| For stationary steam-engine working not over<br>ten hours a day, for each horse-power. . . | \$6 00 |
|--------------------------------------------------------------------------------------------|--------|

## BUILDING PURPOSES.

|                                             |        |
|---------------------------------------------|--------|
| For every cask of lime or cement used . . . | \$0 05 |
|---------------------------------------------|--------|

## ORNAMENTAL FOUNTAINS.

Ordinarily used three hours a day for a period  
of not more than four months a year.

|                                             |        |
|---------------------------------------------|--------|
| For a jet of one sixteenth of an inch . . . | \$3 00 |
| For a jet of one eighth of an inch . . .    | 5 00   |
| For a jet of one quarter of an inch . . .   | 8 00   |

To be cut off at the discretion of the superin-  
tendent.

And for all purposes not enumerated in the  
foregoing rates, special contract must be made  
with the water commissioners.

TOTAL AMOUNT AND LOCATION OF MAIN AND DISTRIBUTING  
PIPES TO PRESENT TIME.

| STREETS.                 | FEET OF PIPE. |        |        |       |        |        |       | Hydrants. | GATES. |        |       |       |       |       |
|--------------------------|---------------|--------|--------|-------|--------|--------|-------|-----------|--------|--------|-------|-------|-------|-------|
|                          | 16-in.        | 14-in. | 12-in. | 8-in. | 6-in.  | 4-in.  | 2-in. |           | 16-in. | 12-in. | 8-in. | 6-in. | 4-in. | 2-in. |
| Albion.....              |               |        |        |       |        | 477    |       |           |        |        |       |       | 1     |       |
| Allen Place.....         |               |        |        |       |        |        | 138   |           |        |        |       |       |       | 1     |
| Ashland.....             |               |        |        |       |        | 1,955  |       | 2         |        |        |       |       | 4     |       |
| Auburn.....              |               |        |        |       |        | 372    |       |           |        |        |       |       | 1     |       |
| Avon.....                |               |        |        |       |        | 422    |       |           |        |        |       |       | 1     |       |
| Baxter.....              |               |        |        |       |        | 484    |       | 1         |        |        |       |       | 1     |       |
| Battery Place.....       |               |        |        |       |        |        | 150   |           |        |        |       |       |       | 1     |
| Boardman.....            |               |        |        |       |        | 530    |       |           |        |        |       |       | 1     |       |
| Borneo.....              |               |        |        |       | 924    |        |       | 2         |        |        | 1     |       |       |       |
| Bellevue Avenue.....     |               |        |        |       | 410    | 1,000  |       | 2         |        |        | 1     |       | 1     |       |
| Belmont.....             |               |        |        |       |        | 376    |       |           |        |        |       |       | 1     |       |
| Berwick.....             |               |        |        |       |        | 1,220½ |       | 1         |        |        |       |       | 2     |       |
| Brazil.....              |               |        |        |       |        | 1,115  |       | 2         |        |        |       |       | 2     |       |
| Cedar Park.....          |               |        |        |       |        | 1,206½ | 457   | 2         |        |        |       |       | 2     |       |
| Charles.....             |               |        |        |       |        | 335    |       | 1         |        |        |       |       |       |       |
| Chestnut.....            |               |        |        |       |        | 572    |       | 1         |        |        |       |       | 2     |       |
| Circuit.....             |               |        |        |       |        | 438    |       |           |        |        |       |       | 2     |       |
| Cleveland.....           |               |        |        |       |        | 682    |       | 1         |        |        |       |       | 1     |       |
| Cottage.....             |               |        |        |       |        | 1,142  | 193   | 2         |        |        |       |       | 2     |       |
| Deil Avenue.....         |               |        |        |       |        | 1,190  |       |           |        |        |       |       | 1     |       |
| East.....                |               |        |        |       |        | 534    |       |           |        |        |       |       | 1     |       |
| Ellsworth Avenue.....    |               |        |        |       |        |        | 314   |           |        |        |       |       |       | 1     |
| Elm.....                 |               |        |        |       |        | 1,057  |       | 1         |        |        |       |       |       |       |
| Emerald.....             |               |        |        |       |        | 508    |       | 1         |        |        |       |       | 2     |       |
| Emerson Place.....       |               |        |        |       |        |        | 251   |           |        |        |       |       |       | 1     |
| Emerson.....             |               |        |        |       | 1,159½ | 3,987  |       | 6         |        |        | 2     |       | 4     |       |
| Essex.....               |               |        |        |       |        | 1,890  |       | 3         |        |        |       |       | 2     |       |
| Felton Place.....        |               |        |        |       |        |        | 245   |           |        |        |       |       |       | 1     |
| Fifth.....               |               |        |        |       |        | 770    |       |           |        |        |       |       | 2     |       |
| First.....               |               |        |        |       | 555    |        |       | 1         |        |        | 1     |       |       |       |
| Florence.....            |               |        |        |       |        | 1,340½ |       | 1         |        |        |       |       | 2     |       |
| Poster.....              |               |        |        |       | 682    | 1,470½ |       | 2         |        |        | 1     |       | 2     |       |
| Franklin.....            |               |        |        |       | 3,155½ | 560    |       | 4         |        |        | 2     |       |       |       |
| Glen.....                |               |        |        |       |        | 532    |       |           |        |        |       |       | 1     |       |
| Goodyear Avenue.....     |               |        |        | 1,235 |        | 398    |       | 4         |        | 2      |       |       |       |       |
| Green.....               |               |        |        |       | 2,700  |        |       | 3         |        |        |       | 1     |       |       |
| Greenwood.....           |               |        |        |       |        | 353    | 637   | 1         |        |        |       |       |       | 1     |
| Grove.....               |               |        |        |       | 1,865  | 1,669½ |       | 4         |        |        | 1     |       |       |       |
| Grundy Place.....        |               |        |        |       |        |        | 202   |           |        |        |       |       |       | 1     |
| Herbert.....             |               |        |        |       |        | 220    | 158½  |           |        |        |       |       | 1     |       |
| High.....                |               |        |        |       |        | 376    | 600   | 1         |        |        |       |       | 1     |       |
| Highland Avenue.....     |               |        |        |       |        |        | 250   |           |        |        |       |       |       | 1     |
| Hillside Avenue.....     |               |        |        |       |        | 337    | 291   |           |        |        |       |       | 1     |       |
| Howard.....              |               |        |        |       |        | 272    | 1,033 |           |        |        |       |       | 1     |       |
| Hurd.....                |               |        |        |       |        | 768    |       |           |        |        |       |       | 1     |       |
| Irving.....              |               |        |        |       |        | 387    |       | 1         |        |        |       |       | 1     |       |
| Lake Avenue.....         |               |        |        |       |        | 1,230  |       | 1         |        |        |       |       | 2     |       |
| Lebanon.....             |               |        |        |       |        | 2,750  |       | 2         |        |        |       |       | 2     |       |
| Linden.....              |               |        |        |       |        |        | 200   |           |        |        |       |       |       | 1     |
| Linden Place.....        |               |        |        |       |        |        | 286   |           |        |        |       |       |       |       |
| Linwood Av. & Lynde..... |               |        |        |       |        | 2,960  |       | 3         |        |        |       |       | 1     |       |
| Main.....                |               |        | 4,100  |       | 3,784  | 478    | 287   | 9         | 3      |        | 2     | 1     | 1     |       |
| Maple and Poplar.....    |               |        |        |       |        | 2,265½ |       | 2         |        |        |       |       | 3     |       |
| Melrose.....             |               |        |        |       |        | 2,339½ |       | 2         |        |        |       |       | 3     |       |
| Mt. Vernon.....          |               |        |        |       |        | 551    |       | 1         |        |        |       |       | 1     |       |
| Myrtle.....              |               |        |        |       |        | 2,230  |       | 3         |        |        |       |       | 6     |       |
| Ninth.....               |               |        |        |       |        |        | 255   |           |        |        |       |       |       | 1     |
| Oakland.....             |               |        |        |       |        | 1,161  |       | 1         |        |        |       |       | 1     |       |
| Orient.....              |               |        |        |       |        | 440    |       |           |        |        |       |       | 1     |       |
| Orient Place.....        |               |        |        |       |        |        | 184   |           |        |        |       |       |       | 1     |
| Orris.....               |               |        |        |       |        | 1,120  | 148   |           |        |        |       |       | 3     |       |
| Otis.....                |               |        |        |       |        |        | 780   |           |        |        |       |       |       |       |
| Panama.....              |               |        |        |       | 112    |        |       |           |        |        |       |       |       |       |
| Para.....                |               |        |        |       | 268    |        |       |           |        |        |       |       |       |       |
| Perkins.....             |               |        |        |       |        | 236    |       |           |        |        |       |       | 1     |       |
| Pine.....                |               |        |        |       |        | 338    |       | 1         |        |        |       |       | 1     |       |



TOTAL AMOUNT AND LOCATION OF MAIN AND DISTRIBUTING  
PIPES TO PRESENT TIME. — *Continued.*

| STREETS.                     | FEET OF PIPE. |        |        |       |         |         |        | Hydrants. | GATES. |        |       |       |       |       |
|------------------------------|---------------|--------|--------|-------|---------|---------|--------|-----------|--------|--------|-------|-------|-------|-------|
|                              | 16-in.        | 14-in. | 12-in. | 8-in. | 6-in.   | 4-in.   | 2 in.  |           | 16-in. | 12-in. | 8-in. | 6-in. | 4-in. | 2-in. |
| Pleasant .....               |               |        |        |       |         |         | 1,125  | 1         |        |        |       |       |       |       |
| Porter .....                 |               |        |        |       |         | 2,514½  |        | 3         |        |        |       |       | 1     |       |
| Pond to Wyoming Av. ....     | 3,810         |        |        |       |         |         |        |           |        |        |       |       |       |       |
| Pratt .....                  |               |        |        |       |         | 378     |        | 1         | 2      |        |       |       | 1     |       |
| Prospect Avenue .....        |               |        |        |       |         | 500     |        | 1         |        |        |       |       | 1     |       |
| Pump to intersection .....   |               |        | 3,032  |       |         |         |        | 2         | 2      |        |       |       |       |       |
| Prospect .....               |               |        |        |       |         | 1,026   |        | 1         |        |        |       |       | 1     |       |
| Reservoir .....              | 96            |        |        |       |         |         |        |           |        |        |       |       |       |       |
| Rowe .....                   |               |        |        |       |         | 950     | 552    | 2         |        |        |       |       | 3     | 1     |
| Reservoir to Ravine Rd. .... |               |        | 1,370  |       |         |         |        |           | 2      |        |       |       |       |       |
| Russell .....                |               |        |        |       |         | 448     |        |           |        |        |       |       | 1     |       |
| School .....                 |               |        |        |       |         |         | 495    |           |        |        |       |       |       |       |
| Second .....                 |               |        |        |       | 125     |         |        | 1         |        |        |       | 1     |       |       |
| Seventh .....                |               |        |        |       |         |         | 288    |           |        |        |       |       |       | 1     |
| Short and Main .....         |               |        |        |       |         |         | 470½   |           |        |        |       |       |       |       |
| Stevens Place .....          |               |        |        |       |         | 110     | 216    |           |        |        |       |       |       |       |
| Summer .....                 |               |        |        |       |         | 701     |        | 2         |        |        |       |       | 1     |       |
| Suction .....                |               |        | 250    |       |         |         |        |           |        |        |       |       |       |       |
| Third .....                  |               |        |        |       |         |         | 287    |           |        |        |       |       | 1     |       |
| Tremont .....                |               |        |        |       |         | 3,180   | 500    | 2         |        |        |       |       | 4     | 1     |
| Trenton .....                |               |        |        |       | 1,233   | 1,331½  |        | 1         |        |        |       | 2     | 2     |       |
| Upham .....                  |               |        |        |       |         | 5,581   |        | 5         |        |        |       |       | 3     |       |
| Vine .....                   |               |        |        |       |         | 601     |        |           |        |        |       |       | 2     |       |
| Vinton .....                 |               |        |        |       | 3,497½  | 436     |        | 6         |        |        |       | 3     | 1     |       |
| Walnut .....                 |               |        |        |       |         | 187½    |        |           |        |        |       |       | 1     |       |
| Walton Park .....            |               |        |        |       |         | 521     |        | 1         |        |        |       |       |       |       |
| Warren .....                 |               |        |        |       |         | 632     |        | 2         |        |        |       |       | 1     |       |
| Washington .....             |               |        |        |       |         | 3,025   |        | 3         |        |        |       |       |       |       |
| Waverly Place .....          |               |        |        |       |         | 690½    |        | 1         |        |        |       |       | 1     |       |
| Willow .....                 |               |        |        |       |         |         | 663    |           |        |        |       |       |       | 1     |
| Winter .....                 |               |        |        |       |         | 241     |        |           |        |        |       |       | 1     |       |
| Winthrop Place .....         |               |        |        |       |         | 520     |        | 1         |        |        |       |       |       |       |
| Winthrop .....               |               |        |        |       |         | 695½    |        |           |        |        |       |       | 2     |       |
| Wyoming Avenue ....          | 3,360         |        |        |       |         | 1,076   |        | 3         | 1      |        |       |       | 1     |       |
| Waste .....                  |               |        |        |       | 55      | 51      |        |           |        |        |       | 2     | 2     |       |
| Youle .....                  |               |        |        |       |         | 1,655½  |        | 2         |        |        |       |       | 1     |       |
|                              | 7,170         | 96     | 8,752  | 1,235 | 20,525½ | 76,480½ | 11,361 | 115       | 3      | 7      | 2     | 20    | 107   | 20    |

Total length of main and distributing pipes, 23.76 miles.



# RECORD OF TEST OF

## KNOWLES' 8x16x12x18 DUPLEX PUMPING ENGINE,

### AT MELROSE, MASS.

CONDUCTED BY W. F. SHERMAN, C. E., JANUARY 10, 1887. AIR PUMP 6x8x10. No. 2  
 PLUNGER BOILER FEED. HORIZONTAL TUBULAR BOILER. 54" DIAM., 16 1-6 FEET  
 LONG, 60 TUBES 3" DIAM., 15 FEET LONG. GRATE 4'-6" BY 5'-0"

| TIME. |        |      | Counter. | Dynamic Head<br>as Measured<br>by Gauge on<br>the Discharge<br>Pipe. | Right<br>or<br>Left<br>Engine. | Length of<br>Stroke<br>in inches. |              |
|-------|--------|------|----------|----------------------------------------------------------------------|--------------------------------|-----------------------------------|--------------|
|       | Hours. | Min. |          |                                                                      |                                |                                   |              |
| A. M. | 6      | 45   | 076,798  | 100.5 ft.                                                            | R.<br>L.                       | 19<br>18                          | 4-16<br>3-16 |
|       | 7      | ..   | 077,338  | 100.5                                                                | R.<br>L.                       | 19<br>19                          | 6-16<br>6-16 |
|       | 7      | 15   | .....    | 101                                                                  | R.<br>L.                       | 19<br>19                          | 4-16<br>4-16 |
|       | 7      | 30   | .....    | 102                                                                  | R.<br>L.                       | 19<br>19                          | 7-16<br>4-16 |
|       | 7      | 45   | .....    | 101.5                                                                | R.<br>L.                       | 19<br>19                          | 1-16<br>4-16 |
|       | 8      | ..   | 079,531  | 101                                                                  | R.<br>L.                       | 19<br>19                          | 4-16<br>1-16 |
|       | 8      | 15   | .....    | 101                                                                  | R.<br>L.                       | 19<br>19                          | 0-16<br>7-16 |
|       | 8      | 30   | .....    | 101                                                                  | R.<br>L.                       | 19<br>19                          | 6-16<br>4-16 |
|       | 8      | 45   | .....    | 101                                                                  | R.<br>L.                       | 19<br>19                          | 4-16<br>4 16 |
|       | 9      | ..   | 081,665  | 100.5                                                                | R.<br>L.                       | 19<br>19                          | 7-16<br>7-16 |
|       | 9      | 15   | .....    | 101                                                                  | R.<br>L.                       | 19<br>19                          | 6-16<br>0-16 |
|       | 9      | 30   | .....    | 102                                                                  | R.<br>L.                       | 19<br>19                          | 5-16<br>1-16 |
|       | 9      | 45   | .....    | 103                                                                  | R.<br>L.                       | 19<br>19                          | 7-16<br>7-16 |
|       | 10     | ..   | 083,790  | 103                                                                  | R.<br>L.                       | 19<br>19                          | 7-16<br>4-16 |
|       | 10     | 15   | .....    | 103                                                                  | R.<br>L.                       | 19<br>19                          | 3-16<br>2-16 |
|       | 10     | 30   | .....    | 103.5                                                                | R.<br>L.                       | 19<br>19                          | 7-16<br>3-16 |
|       | 10     | 45   | .....    | 104.5                                                                | R.<br>L.                       | 19<br>19                          | 7-16<br>7-16 |
|       | 11     | ..   | .....    | 104                                                                  | R.<br>L.                       | 19<br>19                          | 7-16<br>7-16 |
|       | 11     | 15   | .....    | 104                                                                  | R.<br>L.                       | 19<br>19                          | 7-16<br>7-16 |
|       | 11     | 30   | .....    | 104                                                                  | R.<br>L.                       | 19<br>19                          | 7-16<br>7-16 |
|       | 11     | 45   | .....    | 104                                                                  | R.<br>L.                       | 19<br>19                          | 6-16<br>4-16 |
| M.    | 12     | ..   | 088,089  | 104.5                                                                | R.<br>L.                       | 19<br>19                          | 7-16<br>1-16 |
| P. M. | 12     | 15   | .....    | 105                                                                  | R.<br>L.                       | 19<br>19                          | 3-16<br>8-16 |
|       | 12     | 30   | .....    | 105                                                                  | R.<br>L.                       | 19<br>19                          | 8-16<br>8-16 |
|       | 12     | 45   | .....    | 105                                                                  | R.<br>L.                       | 19<br>19                          | 8-16<br>8-16 |
|       | 12     | 45   | .....    | 105                                                                  | R.<br>L.                       | 19<br>19                          | 8-16<br>8-16 |

RECORD OF TEST (*Continued*).

| TIME.            |        |       | Counter.     | Dynamic Head<br>as Measured<br>by Gauge on<br>the Discharge<br>Pipe. | Right<br>or<br>Left<br>Engine. | Length of<br>Stroke<br>in inches. |               |
|------------------|--------|-------|--------------|----------------------------------------------------------------------|--------------------------------|-----------------------------------|---------------|
|                  | Hours. | Mins. |              |                                                                      |                                |                                   |               |
| P. M.            | 1      | ..    | 090,248      | 105.5 ft.                                                            | R.<br>L.                       | 19<br>19                          | 8-16<br>7-16  |
|                  | 1      | 15    | .....        | 105                                                                  | R.<br>L.                       | 19<br>19                          | 8-16<br>8-16  |
|                  | 1      | 30    | .....        | 105                                                                  | R.<br>L.                       | 19<br>19                          | 7-16<br>3-16  |
|                  | 1      | 45    | .....        | 105                                                                  | R.<br>L.                       | 19<br>19                          | 7-16<br>7-16  |
|                  | 2      | ..    | 092,500      | 105                                                                  | R.<br>L.                       | 19<br>19                          | 4-16<br>5-16  |
|                  | 2      | 15    | .....        | 105                                                                  | R.<br>L.                       | 19<br>19                          | 7-16<br>7-16  |
|                  | 2      | 30    | .....        | 105                                                                  | R.<br>L.                       | 19<br>19                          | 7-16<br>1-16  |
|                  | 2      | 45    | .....        | 105                                                                  | R.<br>L.                       | 19<br>19                          | 2-16<br>3-16  |
|                  | 3      | ..    | .....        | 105                                                                  | R.<br>L.                       | 19<br>19                          | 7-16<br>7-16  |
|                  | 3      | 15    | .....        | 105.5                                                                | R.<br>L.                       | 19<br>19                          | 7-16<br>7-16  |
|                  | 3      | 30    | .....        | 106                                                                  | R.<br>L.                       | 19<br>18                          | 4-16<br>12-16 |
|                  | 3      | 45    | .....        | 106 5                                                                | R.<br>L.                       | 19<br>19                          | 7-16<br>7-16  |
|                  | 4      | ..    | 096,783      | 107.5                                                                | R.<br>L.                       | 19<br>19                          | 5 16<br>4-16  |
|                  | 4      | 15    | .....        | 108 5                                                                | R.<br>L.                       | 19<br>19                          | 7-16<br>7-16  |
|                  | 4      | 30    | .....        | 108.5                                                                | R.<br>L.                       | 18<br>19                          | 4-16<br>3-16  |
|                  | 4      | 45    | .....        | 107                                                                  | R.<br>L.                       | 19<br>19                          | 7-16<br>1-16  |
|                  | 5      | ..    | 098,986      | 108                                                                  | R.<br>L.                       | 19<br>19                          | 7-16<br>1-16  |
|                  | 5      | 15    | .....        | 107                                                                  | R.<br>L.                       | 19<br>19                          | 7-16<br>6-16  |
|                  | 5      | 30    | .....        | 108                                                                  | R.<br>L.                       | 19<br>19                          | 7-16<br>7-16  |
|                  | 5      | 45    | .....        | 108                                                                  | R.<br>L.                       | 19<br>19                          | 7-16<br>7-16  |
|                  | 6      | ..    | 101,135      | 108.5                                                                | R.<br>L.                       | 19<br>19                          | 7-16<br>7-16  |
|                  | 6      | 15    | .....        | 108.5                                                                | R.<br>L.                       | 19<br>19                          | 6-16<br>7-16  |
|                  | 6      | 30    | .....        | 108.5                                                                | R.<br>L.                       | 19<br>19                          | 7-16<br>7-16  |
|                  | 6      | 45    | 102,762      | 109                                                                  |                                |                                   |               |
| Total, 12 hours. |        |       | 25,964 revs. | 5,126                                                                |                                |                                   | 1854.9375     |
| Mean .....       |        |       | .....        | 104.612                                                              |                                |                                   | 19.3222       |

|                                                                               |                 |
|-------------------------------------------------------------------------------|-----------------|
| Coal, including ashes, used during test.....                                  | 1,451 lbs.      |
| Area of 12".....                                                              | 113.097 sq. in. |
| One half area of 2½ rod .....                                                 | 2.454 " "       |
| Effective area.....                                                           | 110.643 " "     |
| Vacuum by gauge on condenser, 25½"                                            |                 |
| Dynamic pressure on discharge pipe.....                                       | 104.612 feet.   |
| Static head from surface of pond to centre of gauge on discharge pipe.....    | 14.800 " "      |
| Total pressure, exclusive of friction in suction pipe.....                    | 119.412 feet.   |
| Or .....                                                                      | 51.824 lbs.     |
| U. S. gallons pumped during test of twelve hours, no allowance for slip ..... | 961,160         |
| Capacity per twenty-four hours — no allowance for slip ....                   | 1,922,320       |
| Mean revolutions per minute.....                                              | 36.06           |
| Mean number strokes.....                                                      | 144.24          |
| Mean travel of both pump pistons per minute.....                              | 232.25 feet.    |
| Net horse-power.....                                                          | 40.35           |
| Coal, per net horse-power, per hour .....                                     | 2.99 pounds.    |
| The coal here includes that necessary for driving air and feed pumps.         |                 |
| Coal per hour.....                                                            | 120.91 pounds.  |
| Coal per square foot of grate, per hour .....                                 | 5.329 pounds.   |
| Steam pressure on boiler.....                                                 | 80 lbs. gauge.  |
| " " in chest.....                                                             | 50 lbs. gauge.  |

|      |                                               |                           |
|------|-----------------------------------------------|---------------------------|
| Duty | 100 × { Strokes } Length stroke Pressure Area |                           |
|      | 25,964 × 4 } × 19.322 × 51.82 × 110,643       |                           |
|      | 12                                            |                           |
|      | 1451                                          | 66,077,919 { foot pounds. |
|      | coal.                                         | per 100 p'ds              |
|      |                                               | of coal.                  |

### KNOWLES' IMPROVED, COMPOUND, CONDENSING DUPLEX, PUMPING ENGINE.

Eight" high pressure steam cylinders.

Sixteen" low " " "

Twelve" inside plunger, water cylinders.

Eighteen" stroke.

Independent air pump and condenser, air pump 6 x 8 x 10.

No. 2. Outside plunger boiler feed pump.

One horizontal tubular boiler, 54" diameter, 16 1-6 feet long, 60 tubes 3" diameter, 15 feet long. Grate 4'-6" by 5'-0".

MANUFACTURED AND ERECTED BY THE

KNOWLES STEAM PUMP WORKS,

BOSTON, MASS.

REPORT OF THE  
SPECIAL COMMITTEE OF IMPROVED WATER SUPPLY  
FOR THE TOWN OF MELROSE, MASSACHUSETTS.

---

*To the Town of Melrose:*

Your committee, "appointed by the town on the second day of June, 1885, to contract for and cause to be made a suitable reservoir and such other enlargements, extensions, and improvements of our present water service as will give to the inhabitants of the town a full supply of water," have attended to the duties assigned them, and beg leave to submit the following report.

The committee met and organized June 4, 1885, and appointed a subcommittee to secure land for a reservoir and pumping station; and on June 11 the full committee met with the Malden special water committee, consisting of their Water Board and several other citizens, to arrange for the purchase of Malden's interest in the main pipes. After repeated meetings this purchase was consummated.

In the mean time a tract of land had been purchased on Fairview Hill, two hundred and fifty feet square, with a right of way leading thereto from the Ravine road. In order to secure pure water in sufficient quantities at all times, it was thought best to avoid any location near the end of the pond. So, leaving the old gate house locality and going farther south to a point beyond the Botume place, land was purchased containing 12,450 feet, with a right of way leading to it from the county road, thirty feet in width. At this point, by going into the pond one hundred and fifty feet from the shore, we secured sixteen feet of water with a very clean gravelly bottom.

Early in June we engaged the services of an engineer, Percy M. Blake, to make surveys, plans, drawings, and specifications of the entire work; and we immediately advertised for bids for the construction of a pumping station and

machinery, also for the reservoir and the force main. We received four bids for furnishing the pipes for the force main of which the Gloucester Iron Works was the lowest bidder, and was awarded the contract. For building the reservoir eight bids were received; James Mitchell, of Worcester, Mass., was the lowest bidder, and received the contract. For constructing the pumping station and chimney seven bids were received; Peter Graffam, of Malden, was the lowest bidder, and received the contract. For pumping machinery three bids were received; the Knowles Steam Pump Works was the lowest bidder, and was awarded the contract.

Work was commenced on the reservoir and continued into December, when it was laid over until the following spring. The pumping station was erected in the fall of 1885, ready to receive the machinery. The suction pipe was laid into the pond, and most of the force main was laid before work was suspended for the winter.

Our contract with Percy M. Blake, C. E., having expired Dec. 31, 1885, by limitation, when work was resumed in the spring of 1886 it was thought best not to employ an engineer. Wm. F. Sherman volunteered to supervise the completion of the reservoir and the force mains, and W. D. Fisk volunteered to supervise the completion of the pumping plant; and from this time the work was carried forward under their immediate inspection, with the general oversight of the whole committee.

In the early spring of 1886 work was resumed on the reservoir and pipe line, and later on the machinery was received and set up. Aug. 16, 1886, work being completed, the engines were started, the reservoir filled, emptied, and thoroughly cleaned; and on Sept. 2 water was let on from the reservoir to the whole water works system.

The whole plant is now in excellent working condition, and capable of doing more service than was promised to the town by its committee. Credit is due to the contractor on the reservoir for his faithful and efficient services in executing his contract.

The water mains and gates have been so placed and arranged that the town can be supplied by direct pumping, or from the reservoir by the opening or closing of one gate.



Malden's interest in the water mains, as heretofore existing, has been purchased as follows : —

Their two-thirds interest in 7,170 feet of 16-inch main pipe from Spot Pond to Main Street.

Their two-thirds interest in 900 feet of 12-inch pipe from Masonic Hall to Warren Lynde's.

Their whole ownership in 3,200 feet of 12-inch pipe from Warren Lynde's to the Malden line.

Also their half ownership of about 1,000 feet of 4-inch pipe to Red Mills, with all rights, gates, and connections, gate-house and land, for the sum of \$9,000.

Connections have been made with the Malden system of water works, so that, in case of emergency, either at Melrose or Malden, each may help the other. The water main laid from the pumping station to the reservoir is 12 inches in diameter, with the exception of 96 feet in length next to the reservoir, which is 14 inches in diameter. From this main pipe a connection of 12 inches has been made with the 16-inch main on the Ravine road.

On Thanksgiving Day tests were made by the Fire Department on the practical working of the new system as a fire service by trying hydrants at the following places : Cedar Park, Walton Park, Norrisville, Bellevue Avenue, junction of Green and Howard Streets, junction of Wyoming Avenue and Summer Street. This test proved very satisfactory, showing excellent fire service for all parts of the town.

The pumping machinery consists of a Knowles duplex compound condensing engine, with an independent air pump and condenser, a boiler feed pump, and a 60 horse-power steam boiler made of steel. The builders of this machinery guaranteed it to pump 60,000 gallons of water per hour, or 1,440,000 gallons in twenty-four hours, on a piston speed of 50 feet per minute, and to perform a duty of 58,000,000 foot-pounds per 100 pounds of coal.

A duty test of the engines has been made, — for a report of which see copy bound herewith, — which showed them to be of a capacity exceeding that called for in the specification of your committee and the guarantee of the builders, both as

to the amount of water which they can pump in a given length of time, and as to the economy in doing it.

By increasing the pressure on our water system, weak places in the old pipes have been found, and many breakages have occurred. None of these have happened thus far in the pipes laid by the town since the contract work of 1869 and 1870, but have been in the old pipes laid by contract previous to that time, and almost wholly in the pipes of small size.

The dimensions of the reservoir basin may be of interest, and are as follows: 94 feet square on the bottom, 145 feet square at the top, and 17 feet perpendicular depth.

We desire to call your attention to the fact that, in the report which laid out the work to be done, a reservoir of one million gallons' capacity was contemplated. By giving close attention to the construction, and taking advantage of every circumstance possible, we have been able to construct a reservoir of one and a half millions gallons' capacity. We have also erected a coal shed, built out a permanent embankment over the suction pipe to prevent the action of frost, and have guarded the same by two bank walls, have laid out and graded a road from the county road to the pumping station, and graded the grounds about the buildings without exceeding your appropriation.

We give herewith an extract from the vote of the town passed Oct. 5, 1885:—

“And the treasurer is hereby authorized to sell or dispose of said securities at public or private sale, on such terms and conditions as he may deem proper, and the proceeds of said bonds shall be applied by the treasurer in payment of bills incurred and approved by the committee authorized by vote of the town on the 2d day of June, 1885, to contract for and cause to be made a suitable reservoir and such other enlargements, extensions, and improvements of our present water service as will give to the inhabitants of the town a full supply of water.”

The “proceeds of said sale” have amounted to \$39,604.87, and the expenditures have been as follows:—

|                                                  |             |
|--------------------------------------------------|-------------|
| Engineering . . . . .                            | \$1,122 90  |
| Land and rights of way, examining titles, etc. . | 2,549 00    |
| Reservoir . . . . .                              | 6,710 07    |
| Suction pipe . . . . .                           | 468 87      |
| Force main, gates, and hydrants . . . . .        | 6,541 07    |
| Foundations . . . . .                            | 763 77      |
| Pumping station . . . . .                        | 4,466 05    |
| Pumping engines . . . . .                        | 5,932 62    |
| Freight and teaming . . . . .                    | 565 87      |
| Grading . . . . .                                | 473 50      |
| Coal shed . . . . .                              | 283 26      |
| Coal scales and barrow . . . . .                 | 64 87       |
| Insurance premium on pumping station . . .       | 15 00       |
| Printing the town bonds . . . . .                | 47 50       |
| Sundries . . . . .                               | 93 86       |
| Malden's interest in water mains, etc. . . .     | 9,000 00    |
|                                                  | <hr/>       |
|                                                  | \$39,098 21 |
| Leaving an unexpended balance of . . . . .       | 506 66      |

WINGATE P. SARGENT.

WILBUR D. FISKE.

J. R. JONES.

N. D. BLAKE.

W. F. SHERMAN.

# REPORT

OF THE

## WATER LOAN SINKING FUND COMMISSIONERS.

---

The Water Loan Sinking Fund Commissioners present the following report for the past year: —

|                                                                                             |          |
|---------------------------------------------------------------------------------------------|----------|
| Cash an hand Jan. 1, 1886 . . . . .                                                         | \$15 60  |
| Interest on investments . . . . .                                                           | 1,113 81 |
| Received from Water Board, being balance due<br>on surplus income for 1885 . . . . .        | 3,823 99 |
| We have loaned on real estate in Melrose . . .                                              | 2,000 00 |
| We have bought \$2,000 Melrose High Service<br>4's at 105 and accrued interest . . . . .    | 2,113 33 |
| There is on deposit in Melrose Savings Bank,<br>pending more permanent investment . . . . . | 930 07   |

We refer to our treasurer's statement for a full account of receipts and payments.

The present condition of your sinking fund is as follows: —

|                                               |             |
|-----------------------------------------------|-------------|
| Town of Melrose, High Service 4's . . . . .   | \$13,000 00 |
| City of Providence 5's . . . . .              | 1,000 00    |
| U. S. Bonds 4½'s . . . . .                    | 3,500 00    |
| Mortgages on real estate in Melrose . . . . . | 10,900 00   |
| Cash in Melrose Savings Bank . . . . .        | 930 07      |
|                                               | \$29,330 07 |

Respectfully submitted,

DANIEL RUSSELL,  
JOHN W. FARWELL,  
ROYAL P. BARRY,  
*Water Loan Sinking Fund Commissioners.*

# REPORT OF POLICE DEPARTMENT.

MELROSE, Dec. 31, 1886.

*To the Honorable Board of Selectmen :*

The report of the Police Department is as follows, for the year ending Dec. 31, 1886:—

## CASES BROUGHT BEFORE THE COURT.

|                                   |   |                                  |    |
|-----------------------------------|---|----------------------------------|----|
| Assaults . . . . .                | 7 | Default warrant . . . . .        | 2  |
| Assaults of officers . . . . .    | 2 | Larceny . . . . .                | 5  |
| Places of common resort . . . . . | 3 | Malicious mischief . . . . .     | 1  |
| Common drunks . . . . .           | 2 | Search warrants for liquor, 10   |    |
| Cruelty to animals . . . . .      | 1 | Illegal sale of liquor . . . . . | 2  |
| Disturbing the peace . . . . .    | 8 | Trespass . . . . .               | 4  |
| Drunks . . . . .                  | 7 | Threatening . . . . .            | 3  |
| Dipsomania . . . . .              | 1 | Vagrancy . . . . .               | 4  |
| Persons assisted home . . . . .   |   |                                  | 6  |
| Lodgers accommodated . . . . .    |   |                                  | 84 |
| Notices delivered . . . . .       |   |                                  | 38 |
| Doors found unlocked . . . . .    |   |                                  | 4  |

Respectfully submitted,

FRANK M. McLAUGHLIN,

*Chief of Police.*

SIXTEENTH ANNUAL REPORT  
OF THE  
TRUSTEES OF THE MELROSE PUBLIC LIBRARY  
FOR THE YEAR ENDING DEC. 31, 1886.

---

The Trustees of the Public Library present their sixteenth annual report.

It is a pleasure to note the use that has been made of the reading-room during this first full year of its separate existence. The librarian speaks of the fact that it is becoming gradually more useful to the scholars in our public schools, and that this year shows a large increase in the number of readers who, in looking up matters of special and permanent interest, avail themselves of the books of reference, the magazines and periodicals, as well as the library proper.

It is not known, perhaps, to all the townspeople that books may be taken from the library to the reading-room, for temporary use, and then returned to the shelves. Seventy-two persons have availed themselves of this privilege during the year.

The fear expressed by some, that the reading-room would become a mere resort for idlers, has proved unfounded. The careless and heedless find little to attract them in a room full of studious people, especially where silence reigns and order is enforced. The whole number of persons using the reading-room for this year is 9,503. The largest number in one day (Saturday), 138.

The reference library has been augmented by the purchase of that indispensable acquisition to all useful collections of books, "The Encyclopædia Britannica." Twenty-one volumes are now in use, and the entire set will soon be placed upon the shelves.

The attention of students is also called to "The Iconographic Encyclopædia of the Arts and Sciences," now in process of publication. The first volume is now ready, and the others will be placed in the reference library as fast as they come from the press.

The statistics of the library for the year 1886 are as follows : —

## DONATIONS.

*Pamphlets.*

|                                                                                                                      |     |
|----------------------------------------------------------------------------------------------------------------------|-----|
| Number of pamphlets reported last year . . .                                                                         | 795 |
| Annual report of the Boston Public Library . . .                                                                     | 1   |
| “ “ “ Chicago “ “ . . .                                                                                              | 1   |
| “ “ “ Holbrook “ “ . . .                                                                                             | 1   |
| “ “ “ Lancaster “ “ . . .                                                                                            | 1   |
| “ “ “ Malden “ “ . . .                                                                                               | 1   |
| “ “ “ Manchester, N. H., Public Library, . . .                                                                       | 1   |
| “ “ “ Newton “ “ . . .                                                                                               | 1   |
| “ “ “ Watertown “ “ . . .                                                                                            | 1   |
| “ “ “ Woburn “ “ . . .                                                                                               | 1   |
| Official Gazette of the U. S. Patent Office . . .                                                                    | 52  |
| The Tuftonian, Tufts College . . . . .                                                                               | 12  |
| Report of the Maimonides Library, New York . . .                                                                     | 1   |
| Memorial Sketch of Rev. Henry B. Hooker.<br>Mr. C. N. Chapin . . . . .                                               | 1   |
| What are the French Claims on Madagascar? Mr.<br>C. N. Chapin . . . . .                                              | 1   |
| A Discourse on the Work and Character of<br>Ulysses S. Grant, by Prof. L. T. Townsend.<br>Mr. C. N. Chapin . . . . . | 1   |
| Madagascar, Slavery and Christianity. Mr. C. N.<br>Chapin . . . . .                                                  | 1   |
| The Narragansett Fort Fight, Dec. 19, 1675. E.<br>H. Goss . . . . .                                                  | 1   |
| Dedication of Converse Memorial Building . . .                                                                       | 1   |
| Number of pamphlets now in library . . . . .                                                                         | 875 |



| <i>Books.</i>                                                       | <i>Donors.</i>            | <i>Volumes.</i> |
|---------------------------------------------------------------------|---------------------------|-----------------|
| Tenth Census of the United States . . . . .                         | Henry M. Lovering, M. C.  | 5               |
| Atlantic Monthly . . . . .                                          | Miss Cheever.             | 4               |
| Popular Science Monthly . . . . .                                   | Miss Cheever.             | 6               |
| Littell's Living Age . . . . .                                      | Miss Cheever.             | 8               |
| The National Tribune . . . . .                                      | W. Irving Ellis.          | 1               |
| Fremont the Lounger and Risler the Elder. Alphonse Daudet . . . . . | Daniel Jefferson.         | 1               |
| Six to Sixteen. J. H. Ewing . . . . .                               | Daniel Jefferson.         | 1               |
| Juliana H. Ewing and her Books . . . . .                            | Daniel Jefferson.         | 1               |
| Stephen Nye Gifford — Memorial Volume . . . . .                     | State House.              | 5               |
| Scientific American . . . . .                                       | W. L. Williams.           | 2               |
| Congressional Speeches — 1805-1813 . . . . .                        | Mass. Historical Society. | 1               |
| Report on the Subject of a License Law . . . . .                    | John C. Ropes.            | 1               |
| A Manual on Schoolhouses and Cottages for the Freedmen . . . . .    | E. W. Hooper.             | 1               |
| Indian Evangelical Review . . . . .                                 | C. N. Chapin.             | 3               |
|                                                                     |                           | <hr/> 36        |

Through the kindness of Hon. Daniel W. Gooch, we have come into possession of his Congressional Library of nearly one thousand volumes. It covers the War and Reconstruction periods in the history of the country, and is extremely valuable. As soon as it can be prepared for public use, the details will be published.

The Trustees have also received from the estate of Mr. Louis Finger some twenty-five volumes.

| <i>Reading-room.</i>            | <i>Donors.</i>       |
|---------------------------------|----------------------|
| The Home Farm . . . . .         | Daniel Jefferson.    |
| Literary World . . . . .        | Daniel Jefferson.    |
| North American Review . . . . . | William L. Williams. |

The trustees extend their grateful acknowledgment to all donors.

#### STATISTICS FOR THE YEAR 1886.

|                                                      |       |
|------------------------------------------------------|-------|
| Number of volumes in library, Jan. 1, 1886 . . . . . | 6,559 |
| “ “ “ purchased this year . . . . .                  | 404   |
| “ “ “ donated “ “ . . . . .                          | 36    |
|                                                      | <hr/> |
|                                                      | 440   |
|                                                      | <hr/> |
| Number of volumes in library, Jan. 1, 1887 . . . . . | 6,999 |

|                                                |           |        |
|------------------------------------------------|-----------|--------|
| Number of persons using library, Jan. 1, 1886  | .         | 2,199  |
| “ “ cards issued this year                     | . . . 389 |        |
| “ “ “ relinquished                             | . . . 37  |        |
|                                                | — — —     | 352    |
| Number of persons using library, January, 1887 | .         | 2,551  |
| Largest number of volumes issued in one day    | .         | 428    |
| Smallest “ “ “ “ in one day                    | .         | 54     |
| Average “ “ “ “ Mondays                        | . . .     | 86     |
| “ “ “ “ Saturdays                              | . . .     | 333    |
| Whole number “ “ “ March                       | . . .     | 2,514  |
| “ “ “ “ May                                    | . . .     | 2,608  |
| “ “ “ “ November                               | . . .     | 2,498  |
| “ “ “ “ December                               | . . .     | 2,282  |
| Whole number of volumes issued this year       | . . .     | 28,952 |
| Books replaced this year (new for old)         | . . .     | 43     |
| “ rebound “ “ . . . . .                        | . . .     | 678    |

The library has been open Wednesday and Saturday afternoons, and Monday, Wednesday, and Saturday evenings for one hundred and forty-five days.

It was closed for several days, while repairs were being made, and also on legal holidays.

The reading-room has been open every evening during the week (exceptions stated), and also Wednesday and Saturday afternoons. It has been closed on all legal holidays and on the evenings when the School Board holds its regular meeting.

The librarian and assistants have found their labors considerably increased during the year, but have attended to their duties with fidelity, and have received from the patrons uniformly courteous treatment.

Miss Carrie M. Worthen, *Librarian*.

Rosa May Gibbons,  
Rosa May Silver, } *Assistants*.  
Meldon A. Merrill, }

Though your Trustees have enlarged the shelf-room of the main library repeatedly, it will be necessary to consider seri-

ously a still further enlargement, as the unoccupied shelves will undoubtedly be completely filled during the first half of the year 1887.

It will also be necessary for the Trustees to publish a catalogue of all books added to the library within four years, as the editions of both the recent bulletins are exhausted, and the additions of last year have never been printed.

The expense of the catalogue is now being estimated.

In endeavoring to keep pace with the vigorous and healthful growth of the town, and to maintain the library as an educational centre, the Trustees crave the assistance of the citizens, both in a critical examination of the present library, and in suggestions and plans for its future growth and development.

There seems to be no reason, in the presence of a rare opportunity, why some generously disposed person should not erect a public library building at his or her own expense, and, with certain limitations, in his or her own way.

This opportunity now presents itself as a necessity of the immediate future, and is commended to the attention of the well disposed, in the hope that the seed of a happy thought may bring forth as its fruit "a good deed well done."

The Melrose Public Library, under the provisions of the Public Statutes of Massachusetts, is an institution of the town of Melrose; and the town is authorized to "receive, hold, and manage any devise, bequest, or donation for the establishment, increase, or maintenance of any such library."

For the year 1887, the Trustees request an appropriation for the library and reading-room of seven hundred and fifty dollars and the dog tax.

Respectfully submitted in behalf of the Trustees,

CHARLES C. BARRY,

*Secretary.*

ELBRIDGE H. GOSS,  
THOMAS B. PECK,  
CHARLES C. BARRY,  
RUBY F. FARWELL,  
HANNAH LYNDE,

*Trustees.*



# THE MELROSE PUBLIC LIBRARY

| 1886.                 |       | DR.                                                     |          |
|-----------------------|-------|---------------------------------------------------------|----------|
| Mch.                  | 9, }  | To cash paid A. H. Roffe & Co., subscriptions . . .     | \$122 24 |
| June                  | 19, } | “ “ C. J. Bell, subscription . . .                      | 4 33     |
| Mch.                  | 9, }  | “ “ Library Bureau, library fixtures . . .              | 63 50    |
| Aug.                  | 30, } | “ “ De Wolfe, Fiske & Co., books . . .                  | 303 92   |
| Mch.                  | 10, } | “ “ C. C. Morse & Son, books . . .                      | 3 25     |
| Oct.                  | 8, }  | “ “ G. F. King & Merrill, stationery . . .              | 7 10     |
| Mch.                  | 10, } | “ “ G. W. Cromack, books . . .                          | 4 50     |
| “                     | 10, } | “ “ Eben Smith, frame . . .                             | 6 00     |
| Sept.                 | 16, } | “ “ P. D. Meston, binding . . .                         | 113 40   |
| Mch.                  | 10, } | “ “ Torrey, Bright & Capen, mat . . .                   | 2 50     |
| “                     | 10, } | “ “ McConnell Bros., books . . .                        | 16 00    |
| “                     | 12, } | “ “ A. O. Crane, books . . .                            | 7 00     |
| “                     | 12, } | “ “ W. C. Winslow, books . . .                          | 5 25     |
| Dec.                  | 31, } | “ “ Locke's Express . . .                               | 2 15     |
| Mch.                  | 20, } | “ “ W. L. Williams, printing . . .                      | 55 00    |
| Oct.                  | 8, }  | “ “ Library Journal . . .                               | 5 00     |
| Mch.                  | 20, } | “ “ E. Paul, frescoing . . .                            | 84 00    |
| Apr.                  | 5, }  | “ “ Miss C. M. Worthen, librarian . . .                 | 296 25   |
| Dec.                  | 31, } | “ “ E. E. Babb & Co., books . . .                       | 4 45     |
| Apr.                  | 5, }  | “ “ O. E. Drown, janitor . . .                          | 108 75   |
| Sept.                 | 30, } | “ “ J. Munsell's Sons, books . . .                      | 3 12     |
| Apr.                  | 5, }  | “ “ Lawrence, Wilde & Co., curtains . . .               | 13 13    |
| “                     | 22, } | “ “ C. F. Libbie & Co., books . . .                     | 10 87    |
| May                   | 22, } | “ “ J. B. Holmes, books . . .                           | 3 50     |
| “                     | 22, } | “ “ B. M. Currie, books . . .                           | 3 75     |
| “                     | 22, } | “ “ T. O. H. P. Burnham, books . . .                    | 2 50     |
| “                     | 22, } | “ “ U. S. War Department, books . . .                   | 3 26     |
| Dec.                  | 23, } | “ “ Mass. Hist. Society, books . . .                    | 5 50     |
| June                  | 11, } | “ “ G. B. Sargent, stamp ribbons . . .                  | 2 50     |
| Oct.                  | 15, } | “ “ E. A. Capen, books . . .                            | 14 25    |
| July                  | 6, }  | “ “ H. W. Upham, binding . . .                          | 67 55    |
| “                     | 12, } | “ “ Wm. Morss, shelving . . .                           | 62 31    |
| Dec.                  | 1, }  | “ “ S. F. Oliver, gas piping . . .                      | 8 50     |
| July                  | 16, } | “ “ T. Ireland, repairing clock . . .                   | 1 50     |
| Sept.                 | 1, }  | “ “ Eastman's Express . . .                             | 4 95     |
| Aug.                  | 6, }  | “ “ T. W. Ripley & Co., printing . . .                  | 6 00     |
| “                     | 25, } | “ “ L. T. Freeman, moving books . . .                   | 11 60    |
| Sept.                 | 18, } | “ “ Little, Brown & Co., books . . .                    | 5 25     |
| “                     | 18, } | “ “ Interstate Publishing Co., books . . .              | 6 60     |
| Oct.                  | 1, }  | “ “ G. L. Westgate, insurance . . .                     | 37 50    |
| “                     | 28, } | “ “ Babb & Stephens, printing . . .                     | 2 25     |
| Nov.                  | 29, } | “ “ J. Tew, books . . .                                 | 2 75     |
| Dec.                  | 6, }  | “ “ L. A. Morrison, books . . .                         | 1 75     |
| “                     | 24, } | “ “ Houghton, Mifflin & Co., books . . .                | 16 50    |
| “                     | 27, } | “ “ Cupples, Upham & Co., “ . . .                       | 5 00     |
| “                     | 31, } | “ “ P. O. box, paper, mucilage, glass, eraser, etc. . . | 16 91    |
| Mch.                  | 9, }  |                                                         |          |
| Dec.                  | 31, } |                                                         |          |
| Balance on hand . . . |       |                                                         | 7 41     |

\$1,541 30

IN ACCOUNT WITH E. H. GOSS, TREASURER.

| 1886.      | CR.                                        |                   |
|------------|--------------------------------------------|-------------------|
| Jan. 1,    | Balance from account, 1885                 | \$1 38            |
| Mch. 9,    | By cash from town treasurer, dog tax, 1885 | 698 40            |
| May 22, }  | “ “ “ “ appropriation                      | 750 00            |
| Oct. 6, }  | “ “ “ “                                    |                   |
| June 19, } | “ “ “ “ librarian, fines                   | 78 47             |
| Dec. 31, } | “ “ “ “ catalogues                         | 13 05             |
|            |                                            | <u>\$1,541 30</u> |

STATEMENT OF THE HORATIO NELSON PERKINS FUND.

| 1886.      | DR.                                     |                 |
|------------|-----------------------------------------|-----------------|
| Jan. 14, } | To cash paid G. P. Putnam's Sons, books | \$20 00         |
| Dec. 30, } |                                         |                 |
| 1887.      |                                         |                 |
| Jan. 1,    | Balance on hand                         | 515 80          |
|            |                                         | <u>\$535 80</u> |

| 1886.   | CR.                                |                 |
|---------|------------------------------------|-----------------|
| Jan. 1, | By balance in Melrose Savings Bank | \$515 50        |
|         | “ interest to Jan. 1, 1887         | 20 30           |
|         |                                    | <u>\$535 80</u> |

Respectfully submitted,

MELROSE, January 1, 1887.

E. H. GOSS, *Treasurer.*





ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF THE

TOWN OF MELROSE,

FOR THE

YEAR ENDING DECEMBER 31, 1886.

---

PRESS OF T. W. RIPLEY,  
138 CONGRESS STREET,  
BOSTON.

# SCHOOL COMMITTEE.

---

1886 — 1887.

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## ORGANIZATION.

|                     |   |   |   |   |   |   |                      |
|---------------------|---|---|---|---|---|---|----------------------|
| THOMAS W. RIPLEY    | - | - | - | - | - | - | <i>Chairman.</i>     |
| MRS. S. W. BRADBURY | - | - | - | - | - | - | <i>Secretary.</i>    |
| MRS. A. K. MILLER   | - | - | - | - | - | - | <i>Supply Agent.</i> |

## COMMITTEE.

|                          |   |   |   |   |              |       |
|--------------------------|---|---|---|---|--------------|-------|
| MRS. S. W. BRADBURY      | - | - | - | - | Term expires | 1887. |
| THOMAS W. RIPLEY         | - | - | - | - | " "          | 1887. |
| S. R. WINCHELL           | - | - | - | - | " "          | 1888. |
| MRS. A. K. MILLER        | - | - | - | - | " "          | 1888. |
| MRS. A. B. P. WATERHOUSE | - | - | - | - | " "          | 1889. |
| MR. C. F. LORING         | - | - | - | - | " "          | 1889. |

*To the Citizens of Melrose:—*

Your Committee, in submitting their Report for the past year, congratulate you that our schools are in so flourishing a condition. While they see that there is much need of improvements, — which will, no doubt, be cared for by your generous financial support from year to year, — we may still feel a just pride in our Public Schools.

Five new buildings have been erected during the past three years, including the substantial brick structure on Vinton Street and a pleasant building on Swain's Pond Avenue, which will be referred to more particularly in a subsequent part of this report.

#### SUPERINTENDENT.

The necessity for a Superintendent of Schools becomes each year more apparent as new schools are added, and more supervision becomes necessary. With twenty-five schools, a corps of twenty-nine teachers, and nine janitors, with books and supplies to be bought, distributed, and cared for, there is ample work for a superintendent.

To get the best results, there must be a *head* in educational as well as in business enterprises. With a judicious choice of a Superintendent, our teachers would feel that they had some one at hand on whom they could readily call for advice and support in instructing and disciplining their pupils; thereby enabling them to do better and more satisfactory work, and relieving the Committee of much personal responsibility and labor. This question is an imperative one, and the citizens will have to meet it and act upon it at the Town Meeting in March.

## REPORT OF SCHOOL COMMITTEE.

## SCHOOL FUND.

|                                               |             |             |
|-----------------------------------------------|-------------|-------------|
| Appropriation . . . . .                       | \$18,000 00 |             |
| Cash from State . . . . .                     | 64 49       |             |
| Cash, tuition non-resident children . . . . . | 23 50       | \$18,087 99 |

*Expended.*

|                              |             |             |
|------------------------------|-------------|-------------|
| Teachers' salaries . . . . . | \$14,845 00 |             |
| Janitors' " . . . . .        | 1,192 47    |             |
| Committees " . . . . .       | 325 00      |             |
| Agent's salary . . . . .     | 125 00      |             |
| Fuel . . . . .               | 1,227 53    | \$17,715 00 |
| Balance . . . . .            |             | \$372 99    |

## SCHOOL CONTINGENT ACCOUNT.

|                                                |            |            |
|------------------------------------------------|------------|------------|
| Appropriation . . . . .                        | \$2,500 00 |            |
| Books, etc. . . . .                            | 1,250 00   |            |
| Cash rec'd for books injured or lost . . . . . | 10 17      | \$3,760 17 |

*Expended.*

|                               |            |          |
|-------------------------------|------------|----------|
| Repairs, etc. . . . .         | \$1,926 72 |          |
| Supplies . . . . .            | *1,480 72  |          |
| Furniture . . . . .           | 548 52     |          |
| Sundries . . . . .            | 305 08     |          |
| Printing . . . . .            | 36 50      |          |
|                               | \$4,297 54 |          |
| Expenditures exceed . . . . . |            | \$537 37 |

*Estimated Expenses for Ensuing Year.*

|                                          |          |
|------------------------------------------|----------|
| Salaries of Teachers . . . . .           | \$17,400 |
| "    " Janitors . . . . .                | 1,500    |
| "    " Committee . . . . .               | 500      |
| Salary of Supply Agent . . . . .         | 125      |
| Free Text-Books, Stationery, &c. . . . . | 1,500    |
| Contingent Expenses . . . . .            | 2,500    |
| Coal, Wood, &c. . . . .                  | 1,500    |
| Total . . . . .                          | \$25,025 |

## EXPENDITURES.

As exhibited on the previous page, there is an unexpended balance to the credit of the School Fund of \$372.99, while we have been obliged to exceed the sum appropriated for contingent expenses to the amount of \$537.37, — leaving a net deficit of only \$164.38. Our funds were depleted at the beginning of the year to the amount of \$896.04 for bills incurred the year previous. The establishing of several new schools has made our expenses heavy the past year, a great many extras being required. A little more was needed for books and supplies than we had called for. When we consider that the expenditure for books and supplies has been but about \$1 for each scholar the past year, it will be realized that the Free Text-Book Law is a great saving in the cost of educating our children, — much to the discomfort of booksellers.

## REPAIRS. — GROVE-STREET SCHOOL.

It will be remembered that attention having been publicly called to the nuisance created by the water-closets in the basement of this building, it was, by vote of the Town, ordered that they be placed outside the building, and the sum of eight hundred dollars was appropriated for this purpose.

Some parents had taken their children from school, and teachers and pupils were almost in a panic till the change should be made. Consequently, work was begun before the frost was quite out of the ground, rendering digging somewhat expensive. The low, boggy nature of the ground, saturated with water, makes drainage difficult. However, your Committee have had the work done, they think, as well as it was possible to do under the circumstances; and believe that, this cause of discomfort and danger to health has been remedied. The sum expended was \$741.20, leaving a balance of \$58.80. A doorway was also cut through

the east wall of the cellar for convenience in removing the large accumulation of ashes, and for other purposes, besides minor repairs being made. It would be well if school-building committees of the future would bear in mind the necessity of having a doorway or "bulkhead" communicating with cellars. The building has been thoroughly painted outside with two coats of good oil paint.

Besides these repairs made on the Grove-Street School-house, the High School building had a new furnace added, —making three in all, —dispensing with two stoves, and getting more heat. A room in this building had to be replastered, blackboards done over, etc.

A new furnace was put in the Centre School building, replacing one that was too small and out of repair. The latter was put in first-class order, and placed in the cellar of the new school-house at Swain's Pond — which renders that building much more comfortable than it could be made with stoves.

The Upham-Street School-house was also replastered.

A good deal of damage is annually sustained by the mischievousness or carelessness of pupils in breaking windows, teachers not always being able to detect the culprit and collect damages.

#### CONVERSE SCHOOL.

This building, situated upon "Washington Heights," has excited some comment, being a departure from the *dry-goods-box* style of architecture; but, as a label has been put upon it, any one can with little difficulty read,

"The Fells  
School-House,"

and learn the purpose for which the building is used, if not its true name, — the Converse School.

It is a substantial and conveniently-arranged building of two rooms, finished in hard woods, with open fire-places in

each room ; a nice, high, and dry basement, with cemented floor and a hot-air furnace. If there is any fault to be pointed out that it may be avoided in future structures, it is that the windows are placed too high for the teachers and children to look out occasionally upon the delightful landscape. We think, instead of causing the attention of the pupils to wander from their studies, it would rest and refresh both eyes and brains.

Our town is further indebted to Hon. E. S. CONVERSE, who gave the land upon which the school-house is built, for what he has done the past season to improve its surroundings.

The school, at the beginning of the summer term, was transferred from the room on Main Street to the new building, and two schools were formed,—one being placed in charge of Miss Gertrude Smith of Kansas, and the other school, comprising the third, fourth, and fifth grades, in the care of Miss Hannah Gibbons, the faithful and efficient teacher of the school from its beginning. There are now about fifty pupils in the two schools.

#### THE NEW VINTON-STREET SCHOOL-HOUSE

was completed in November, and was immediately occupied, without the formality of a dedication, as the schools that were to occupy it were uncomfortable in their old quarters, and eager to get into the new, and there was no time to prepare a suitable programme.

Monday, Nov. 29, Miss Long's school, from the ante-room of the High School (where it had been temporarily kept), and Mrs. Dermot's and Miss Ransom's, from the old building, were established in the new one.

Whatever adverse criticism may be made on the outside appearance of this structure, certainly no one can fail to be pleased with the interior, — with its ample hall-ways ; its four school-rooms, commodious, well-lighted, warmed and venti-



lated, with nice clothes-closets, and well-arranged out-buildings. The building is of brick, the interior finished in the natural woods, — no painting. The floors and stairways are of hard pine, and the doors and finish of white-wood. The heating apparatus is direct and indirect steam radiation, put in by our townsman, Mr. Franklin. So far this method of heating is a success. The cost of the structure, all complete, was \$13,000.

We think the Building Committee entitled to a vote of thanks for building so good a school-house, and not exceeding the sum appropriated for the purpose. They are Messrs. Joel Snow, Royal P. Barry, W. Irving Ellis, Moses S. Page, and John R. Norton.

#### SWAIN'S POND SCHOOL-HOUSE.

It will be remembered that the inhabitants of this district petitioned the Legislature to be annexed to Malden, — chiefly for the reasons that their children had to go a long distance to attend school, and that the Malden school-house was comparatively nearer to them.

As our Town was unwilling to lose any of its territory, it was voted at the Town Meeting in March to move the old Vinton-Street school building down there, or build a new one, as in the judgment of the committee appointed for the purpose should be deemed the wisest course to adopt.

It was found that it would be winter before the old building could be vacated by the schools occupying it, so that nearly a year would elapse before it could be moved. It was also found that the expense of moving a large building so far would be very great, besides causing much damage to shade-trees along the route. Therefore it was decided to erect a new building; and the sum appropriated, \$2,500, was only sufficient for this purpose, — leaving the expense of a well, pump, and grading to be met by our "contingent" fund.

The new school was opened Monday, Oct. 18th, with about fourteen scholars. The number rapidly increased,

until, at the present time, the names of thirty-three pupils are on the register.

Six different grades are represented, — the highest being the Third Grammar, or Sixth Grade. Thus it will be seen that the duties of the teacher are somewhat arduous, among so many grades; and we consider ourselves fortunate in our appointment of Miss M. H. Morgan of this town, who had previously served as a substitute in our schools, and who is discharging her duties faithfully and efficiently.

The school-house is well situated, in a central locality, and the pleasant school-room is appreciated by both pupils and teacher. The building was erected by Mr. W. H. Stewart, our townsman. The Building Committee were Messrs. John B. Souther, J. W. Page, Thomas Polson, Jesse A. Dill, and T. W. Ripley.

At a recent meeting of the School Board it was voted to call this the Ripley School, — the chairman dissenting.

#### HIGH SCHOOL.

The growth of the town and the consequent increase in our number of scholars will render some changes necessary. Within ten years the school has increased from an average of about 75 to 110. Methods of teaching have become more practical, requiring more room and apparatus. For instance, Chemistry and Physics are best taught by laboratory work. Literature demands familiarity with the writings of the authors. Supplementary books of reference are required. In order to get the benefits of such methods more rooms are necessary, and, in the sciences, rooms especially constructed for the purpose.

Our school-rooms have served us fairly well in the past, but the school has outgrown them. We had 119 scholars last September. With a corresponding ratio of increase in the future as in the past, we shall have next September 125 or more. With this number we ought to have four teachers, and we take this opportunity to recommend that provision

be made for another experienced teacher in September next, even if we have to provide a room for our classes elsewhere. Perhaps one of the grammar schools could be temporarily accommodated in another building to give us an additional room in this. Certainly this school cannot accomplish what it ought without more room and modern appliances.

In consideration of these facts, the Town should keep steadily in view this object,—the erection of a New High School Building, and as a preliminary step we recommend the purchase of a piece of land for the purpose.

#### LYNDE-STREET SCHOOL.

The old Lynde-Street school-house should, as soon as practicable, be replaced with a modern building, and the location changed to accommodate more pupils in the eastern district.

#### VACANT SCHOOL-HOUSES.

Our old school-buildings, viz., the one at the Highlands, one on Green Street, and the old Vinton School, are not worth refitting; therefore we recommend they be sold, and the proceeds be used towards the payment of the next new buildings. The land is increasing in value, and it might be left discretionary with those who may have the charge of selling the school-houses to sell or retain the land as in their judgment they deem best.

#### SHORT RECESS.

There has been a misapprehension on the part of some parents as to what has been termed *no* recess. The experiment of a five-minute indoor recess has been found to work so satisfactorily that it has been adopted in all the lower grades. The chief reasons for it are that children are liable to take cold playing out for 20 minutes with perhaps insufficient clothing, and that the little ones are jostled and crowded by the larger ones: there are reasons, too, affecting the moral welfare of the pupils.

At the short recess the windows are opened and the air of the school-room is changed. In the mean time the children are practising calisthenic exercises, and such as choose to pass out and in have the opportunity afforded them.

#### COMPULSORY VACCINATION.

Our State laws require all children of specified ages to attend school; and School Committees are not to grant a permit to any child not having been vaccinated. The following reply was made to the usual question to an applicant for a school permit: "Has this child been vaccinated?" "No, because one of my children who was vaccinated had a long fit of sickness, came very near dying, and has not been well since."

Another parent states his case thus: "My child has a bad scrofulous humor, and I dare not have her vaccinated; our physician does not advise it. Can't you make an exception in her case, and grant her a permit to enter school?"

This is not the place to discuss this vital question; but we call attention to it that the people may, if they think the law is obnoxious, seek relief through their Legislature.

#### THE FRANKLIN SCHOOLS.

At the beginning of the term, in September, the Primary School — Miss Emma L. Randlette, teacher — was found to be overcrowded, nearly seventy pupils being registered. At the same time the Seventh-Grade Schools, in the High-School building, numbered about sixty scholars each. Therefore the vacant school-room in the Franklin building was opened, and those pupils living at the Highlands who attended school "down town" were transferred to the new room in the Franklin, and, with the first class in Miss Mendum's room, formed a new school of the sixth and seventh grades, with Miss Lydia Mendum as teacher. Miss Mitchell was placed in Miss Mendum's old room, with a class

of the fourth and one of the fifth grade. Miss Randlette's first class was moved to the room formerly occupied by Miss Mitchell, and formed a class of the second grade, the remaining class of Miss Mitchell being the third. This school was placed under the charge of Miss Mary A. Plummer, a resident of the Highlands, whose testimonials as a teacher were of the highest character. This arrangement left Miss Randlette with a school of fifty pupils of the first or lowest grade. By these changes the number in each of the other two schools was reduced to a fair average, and the children at the Highlands are now provided with schools in their own district until they enter the highest grammar grade.

#### UPHAM-STREET SCHOOL.

In October, Mrs. Hood resigned her position as teacher of this school, on account of ill health. Miss A. B. Chadbourn, who had recently become a resident of this town, was appointed to take her place. She proves to be an excellent teacher, and we hope this school may long retain her services.

#### MUSIC.

With regard to the success of the Tonic Sol-fa system of music in our schools, we would state that the results are very satisfactory: more and better singing has been done in our Primary and Intermediate Schools, a greater degree of interest has been awakened; and, through the influence and culture of our accomplished teacher, Prof. Benson, the pupils in all the schools have learned, in some degree, the value of sweet tones, as contrasted with the thought that *loud* singing was always *good* singing. Mr. Benson has demonstrated the fact that children can sing correctly as to time and pitch, and yet sing softly and sweetly.

#### DRAWING.

In October, Mr. Wallace Bryant was appointed Teacher of Drawing in the High School for the remainder of the

school year, at a salary of \$150. We believe he is giving valuable practical instruction to this school. The following is a brief outline of his work : —

The school is divided into three classes. The course of study is also divided into three branches : —

1st. *Construction*. — That is, making *working* drawings, showing the *actual facts* and *dimensions* of solids. The same as the plans of a house or the details of a piece of machinery would be drawn. This work to be mostly *mechanical*.

2d. *Representation*. — Showing the object as it *appears to your eye*. Taking up the principles of *perspective* and *model drawing*, and coming under the head of pictorial drawing. This work to be free-hand.

3d. *Decoration and Design*. — First giving them good examples of antique ornament, and showing them why they *are* good ; then teaching them the *foundation principles* of good design ; first, UTILITY, or FITNESS TO PURPOSE ; second, MATERIAL of which it is to be composed ; third, BEAUTY.

These subjects are all taken up in the *lower class*, and carried more and more towards completion in the higher ones.

#### GRADES.

It would be a great convenience in determining the rank of pupils coming from other places, if there were a uniform system of grading throughout the State ; for then we should know, without examining pupils, to which school they should be assigned.

We have therefore adopted a system in use elsewhere, viz. : Each full year to constitute a grade, and designating such as First, Second, Third, and so on, according to the number of years of schooling, the ninth year constituting the Ninth Grade.

*First and Second Grades*. — These comprise all the Primary Schools, being those under the charge of Miss Rand-



lette, at the Franklin; Miss Donkin, Centre; Miss Hersey, Grove Street; Mrs. Dermot and Miss Ransom, Vinton Street; Miss Nye, Lynde Street; and Miss Smith, Converse. There are also classes of this grade in the Upham Street and Ripley Schools.

*Third and Fourth Grades.*—These schools, formerly known as Intermediate, have a two-years' course of study. The teachers are: Miss Davis, at the Centre; Miss Guptil, Grove Street; Miss Long, Vinton Street; and Miss Sweetser, Lynde Street. Miss Mitchell and Miss Plummer, at the Franklin; Miss Gibbons, at the Converse; Miss Chadbourn, Upham Street; and Miss Morgan, at the Ripley School, each have a class of one of these grades.

*Fifth Grade.*—This grade (formerly Fourth-Grammar) comprises the school at the Centre, Miss George, teacher; Miss Bascom's school at Grove Street, and the first divisions of Miss Gibbons' and Miss Mitchell's schools.

*Sixth Grade, or Third-Grammar.*—Miss Barrett's, at Grove Street, and Miss Melcher's, at the Centre, and the second class in Miss Mendum's room, are included in this grade. There is also a small class in Miss Morgan's school.

*Seventh Grade, or Second-Grammar.*—The schools in this grade are under the charge of Miss Bisbee and Miss Swett, at the Emerson Street building. The first class in Miss Mendum's room is also of this grade.

*Eighth Grade, or First Grammar.*—The prosperous condition of this school, reported from year to year, still continues, forty-five graduating from it in June. It opened in September with 102 pupils, and it was found necessary to crowd desks into every available space, with little regard to the comfort or convenience of the pupils. Any further increase of this school can only be provided for by an additional room, and the services of another assistant.

Following is the list of graduates from this school:—



## GRADUATES FROM MELROSE FIRST-GRAMMAR SCHOOL.

*July 1, 1886.*

GRACE CLARA ALBEE.  
 HARRY WASHINGTON BARRETT.  
 MABEL JOSEPHINE BAXTER.  
 CHARLES WALLACE BEAN.  
 GRACE LOWELL BRADBURY.  
 ROBERT MAYNARD BUCKNAM.  
 MAY BURNS.  
 GRACE BARRELLE CARR.  
 PAUL FREDERICK COLLINS.  
 HERBERT MUNROE COX.  
 WILLIAM MATTHEW DEMPSEY.  
 WILLIE AUSTIN FERNALD.  
 MARY WINIFRED GATELEY.  
 ALICE HARRIET GRADY.  
 EVA MARION GUILD.  
 FRANK TUCKER HARRIS.  
 NETTIE EVELYN HARRIS.  
 ANNIE ESTELLE HANSCOM.  
 MARION ELIZABETH HESSELTINE.  
 FREDERICK HUMBERT HODGE.  
 EDITH ISABELLE HOLSTON.  
 MARY KUNHARDT.  
 MARY MACLACHLAN.

ELLEN MARGARET MAGNER.  
 CHARLES EVANS MARSHALL.  
 MELLISS HORTON MCKAY.  
 JOHN EDWARD MCCOLLOUGH.  
 DAISY EVELYN MCINTYRE.  
 ANNIE GRIFFITH ORDWAY.  
 LEON HOYT PALMER.  
 COLLETTA ALICE PARKER.  
 OTIS WINGATE PIERCE.  
 JAMES FRANK POPE.  
 ASA CUSHMAN PULSIFER.  
 HATTIE AVIS RICHARDS.  
 MICHAEL DANIEL RIORDAN.  
 MAMIE ISABELLE RUSSELL.  
 FRED AMASA SARGENT.  
 JENNIE GRAY STONE.  
 ANNIE GENEVA THURBER.  
 HERBERT ASHLEY WEEKS.  
 NELLIE GERTRUDE WELTS.  
 HARRY CLINTON WHITE.  
 ABBIE FRANCES WILDER.  
 HARLEY CORSON WINCHELL.

## PROMOTION.

At the January meeting of the Board, it was voted that the minimum for promotion be 70 per cent. in each study, and the general average of all the studies 75 per cent.

## HIGH SCHOOL EXHIBITION.

The Graduating Exercises of the High School occurred on the evening of July 1st in the Town Hall, as has been customary for several years: but, whereas heretofore everybody has been admitted freely, this year an exception was made, and tickets were issued. Notwithstanding an effort was made by the Committee to explain their action through the *Melrose Journal*, it seems that we were severely criticised, and much fault was found.

If the orderly, quiet-loving portion of the audience will call to mind the disturbances made by boys on the stairs, and young people in the gallery and back part of the Hall, — like whistling, loud talking, vociferous encores, and other things equally improper and unbearable, — on previous exhibitions, they would think, with the Committee, that such things should be stopped, if possible. After considering the subject very seriously, we decided that the issuing of tickets, and denying admittance to children unaccompanied by adults, would be the best solution of the difficulty.

By placing most of these tickets in the hands of the graduating class for distribution, we felt sure that the parents and most interested friends would be accommodated, and hoped that all lovers of education and those interested in our schools would be reached.

This was our aim: that it was somewhat imperfectly done, we acknowledge, but hope that in the future no true friend of our schools will be debarred admission to these most interesting exercises.

The unusual quietness in the Hall rendered the occasion highly enjoyable. A class of sixteen bright lads and maidens, after performing, with credit to themselves, the final act of their course, received from the Chairman the visible token of their successful graduation.

A new feature of the occasion was the presence of the "Melrose Orchestra," who enlivened the exercises by playing several pleasant and appropriate selections. The singing was under the care of Mr. Benson, the music-teacher, and showed that progress had been made in this delightful art.

At the close of the exercises the audience was favored by some felicitous remarks from Mr. Hagar, the well-known Principal of the State Normal School at Salem.

# ORDER OF EXERCISES.

## HIGH SCHOOL GRADUATING CLASS.

Town Hall, Thursday Evening, July 1st, 1886.

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### PART. I.

OVERTURE, Melrose Orchestra.

CHORUS, "Wandering in the May Time."

|                                           |           |                    |
|-------------------------------------------|-----------|--------------------|
| SALUTATORY ESSAY, "One Hundred Years Ago" | -         | Marion K. Norris.  |
| GENERAL GRANT                             | - - - - - | Allen R. Gibbons.  |
| AMERICAN HISTORY                          | - - - - - | * George B. Ellis. |

MUSIC, Orchestra.

|                                     |           |                     |
|-------------------------------------|-----------|---------------------|
| TECHNICAL EDUCATION                 | - - - - - | George W. Haskell.  |
| AMERICAN FISHING INTERESTS          | - - - - - | R. Henry Harris.    |
| CLASS PROPHECY                      | - - - - - | Carrie L. Lavender. |
| STUDY OF PLANTS                     | - - - - - | Gertrude Day.       |
| INOCULATION FOR HYDROPHOBIA         | - - - - - | Edward R. Maker.    |
| ADVANTAGES OF THE STUDY OF LANGUAGE | - -       | Herbert S. Manley.  |

CHORUS, with Orchestra, "March of the Men of Harlech."

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### PART. II.

AWARDING OF THE FRANKLIN FRATERNITY PRIZES.

|                                              |           |                     |
|----------------------------------------------|-----------|---------------------|
| COMETS                                       | - - - - - | David Ross Lecraw.  |
| CHAUCE                                       | - - - - - | Grace C. Richards.  |
| MATHEMATICS IN OUR SCHOOLS                   | - - - - - | Arthur L. Jacobs.   |
| SOLO, "When all is done"                     | - - - - - | Edward F. Phillips. |
| INTERNATIONAL COPYRIGHT                      | - - - - - | Wm. H. Woodman.     |
| EXTRACT FROM BLAINE, "Home Rule"             | - - - - - | Edwin H. Crosby.    |
| FRENCH LITERATURE OF THE NINETEENTH CENTURY, |           | Florence M. Lerner. |
| ESSAY AND VALEDICTORY, "Homer's Iliad"       | - -       | Carrie D. Vinton.   |

CHORUS, "Evening Prayer."

AWARDING DIPLOMAS.

MUSIC, Orchestra.

\* Excused.

## HIGH-SCHOOL GRADUATES.

|                       |                      |
|-----------------------|----------------------|
| * GERTRUDE DAY.       | * ALLEN R. GIBBONS.  |
| * CARRIE L. LAVENDER. | R. HENRY HARRIS.     |
| FLORENCE M. LERNED.   | * GEORGE W. HASKELL. |
| † MARION K. NORRIS.   | ARTHUR L. JACOBS.    |
| * GRACE C. RICHARDS.  | DAVID ROSS LECRAW.   |
| † CARRIE D. VINTON.   | † HERBERT S. MANLEY. |
| * EDWIN H. CROSBY.    | * EDWARD R. MAKER.   |
| * GEORGE B. ELLIS.    | † Wm. H. WOODMAN.    |

\* English Course. † College Course. Not marked, Classical Course.

## FRANKLIN FRATERNITY PRIZES.

Committee on Literature: C. C. BARRY, SIDNEY BUTTRICK.

Committee on Mathematics: JOHN O. NORRIS, LOUIS ROBSON.

Preparatory subjects in Literature:—

1. Class work in Shakespeare, and some questions upon his life and style.
2. Class work in Longfellow, with questions as above.
3. Class work in Goldsmith, with questions as above.

Honorable mention is made of the following scholars for excellence in Mathematics:—

*First Class.*

|                   |                     |
|-------------------|---------------------|
| EDWARD H. CROSBY, | DAVID ROSS LECRAW,  |
| ARTHUR L. JACOBS, | WILLIAM H. WOODMAN. |

*Second Class.*

|                      |                      |
|----------------------|----------------------|
| CARRIE MAUD ROBERTS, | EDWARD S. BLANCHARD, |
| CALLIE H. HAYWARD,   | WM. EDWARD KEATING.  |

*Third Class.*

|                    |                     |
|--------------------|---------------------|
| LILLIE S. CROCKER, | BLANCHE S. JACOBS,  |
| HATTIE D. FIELD,   | EDWARD F. PHILLIPS, |
| ANNIE E. WHILDEN,  | FRITZ H. SMALL.     |

*Fourth Class.*

|                     |                    |
|---------------------|--------------------|
| MARION E. BRADBURY, | GERTRUDE L. YOUNG, |
| ALLEN LOUISE BURR,  | HENRY W. VINTON.   |

Subjects for Literature :—

Courtship of Miles Standish, with a sketch of the author's life.  
Goldsmith's Life ; or, Deserted Village.  
Julius Cæsar, or a sketch of the author's life.

The following prizes were awarded :—

ENGLISH LITERATURE.

*First Prize.* — SARAH E. MORSE.

*Second “* SUSIE A. COGGESHALL.

GEOMETRY.

*First Prize.* — EDWARD H. CROSBY.

ALGEBRA.

*First Prize.* — FRITZ H. SMALL.

*Second “* HARRY P. ALLEN.

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## REVISED COURSE OF STUDY.

ADOPTED NOVEMBER, 1886.

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### PRIMARY SCHOOLS.—Two Years.

#### FIRST GRADE.

*Reading.*—The elementary sounds and familiar words to be learned from charts and the blackboard. Primer and Monroe's New First Reader.

*Spelling.*—Words of regular formation. Familiar words in common use. Copying from the board or Reader upon paper or slates ruled for the purpose.

*Numbers.*—Teach by means of objects and figures. Simple exercises in combinations of numbers.

*Drawing and Writing.*—Writing simple words on the slate. Drawing of lines and angles.

## SECOND GRADE.

*Reading.* — Appletons' Second Reader, with other books of similar grade. Training in elementary sounds. Cultivation of conversational tones.

*Spelling.* — Spelling of words from the Reader and from dictation, by sounds and letters. Written exercises upon ruled paper or slates. Use long pencils.

*Numbers.* — Write and read numbers by letters and figures. All combinations to 20.

*Drawing and Writing.* Tracing Book No. 1. — Teach names of lines and angles, with practice in combining them. Simple words to be written carefully from dictation.

*Music.* — Under the direction of the music teacher.

*Gymnastics.* — Two or three times in each session every pupil should take part in physical exercises, about five minutes each time. These may be accompanied by counting and music.

*General Exercises.* — Oral lessons upon familiar objects should be given each day; also lessons on morals and manners, illustrated by anecdotes and daily occurrences, and by the teaching of maxims, verses, &c. Teach days of the week, seasons, and months of the year, points of the compass, with relative position of familiar places; time, as indicated by the clock.

*Temperance* instruction throughout the course.

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INTERMEDIATE SCHOOLS. — Two Years.

## THIRD GRADE.

*Reading.* — Monroe's New Second Reader. Exercises for correcting indistinct enunciation. Recognize marks of punctuation and abbreviation in common use.

*Spelling.* — Worcester's Speller. Oral and written exercises. Observe previous directions.

*Numbers.* — Finish Primary Arithmetic. Simple examples in the fundamental rules. Train pupils to add without counting.

*Drawing and Writing.* — As in previous grade, with copying of short sentences. Drawing Book No. 1. Letter-writing. Care should be taken to teach a proper position for sitting, holding slates, pencils, &c. Writing Book No. 1, Short Course.

*Local Geography.* — Taught orally.

#### FOURTH GRADE.

*Reading.* — Appletons' Third Reader. Lead the pupils to analyze lessons. Train in elementary sounds. Definitions of words, chiefly by their use in sentences. Punctuation.

*Spelling.* — Worcester's Speller. Oral and written exercises. Miscellaneous words in common use.

*Arithmetic.* — Eaton's Intellectual Arithmetic to Section Fourth. Written Arithmetic to U. S. Money.

*Geography.* — First Lessons in Geography. Use the text as a reading lesson. Many oral lessons upon globes, maps, &c.

*Penmanship.* — No. 2 Short Course Writing Book. Much practice on ruled paper. Blackboard illustrations by the teacher.

*Drawing.* — Dictation exercises by the teacher. Memory drawing. Outlines of familiar objects from simple copies. Drawing Book No. 2,

*Music.* — Under the direction of the music teacher.

*Gymnastics.* — At least once in each session give simple physical exercises. Care should be taken to secure an erect and graceful attitude, and to call into motion muscles on both sides of the body.



*General Exercises.* — Once in every week object lessons should be given by the teacher, requiring oral or written descriptions afterwards from the pupils. Form habit of using correct language. These lessons should treat of the human body, habits, health, temperance, hygiene, and plants, animals, food, occupations, tools, &c. Moral lessons by stories and incidents.

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### GRAMMAR SCHOOLS. — Five Years.

#### FIFTH GRADE.

*Reading.* — Monroe's Third Reader. Careful analysis. Use other books of similar grade. Frequent exercises in vocal culture. Occasional recitation of "Gems of Thought" committed to memory.

*Spelling.* — As in previous grade, with the writing of sentences from dictation. Teach proper use of capitals and of punctuation marks. Letter-writing and short stories. Use "Meleney's Speller."

*Arithmetic.* — Mental Arithmetic to Section Sixth. Franklin Written Arithmetic, Seventh, Eighth, and Ninth Sections. Many problems and illustrations not in the book. Analysis of practical problems. Oral drills for rapid combination of numbers.

*Geography.* — Harpers' School Geography, to Political United States, page 29. Rudimentary map-drawing.

*Penmanship.* — No. 3 Writing Book, — Short Course. Great attention paid to position, pen-holding, &c. Let the work be simultaneous. Frequent opportunities for rest.

*Drawing.* — As in previous grade. Book No. 3.

*Language.* — Mrs. Knox's Elementary English.

*Lessons on Physiology and Temperance.*

*Physical Exercises and Music.*

## SIXTH GRADE.

*Reading.* — Appletons' Introductory Fourth Reader, with other books of similar grade. Careful analysis of lessons. Vocal drill.

*Spelling.* — Worcester's Speller, with exercises in miscellaneous words and sentences. Spell chiefly by writing. Abbreviations.

*Arithmetic.* — Eaton's Intellectual Arithmetic. Written Arithmetic, Sections Ten, Eleven, and Twelve.

*Geography.* — Harpers' School Geography continued to page 74. Occasional practice in map-drawing.

*Language.* — "Swinton's Language Lessons." Composition-writing a frequent exercise, for securing rapidity and facility of expression.

*Penmanship.* — Writing Book No. 3, Grammar Course. Dictation exercises by the teacher.

*Drawing.* — Drawing Book No. 4.

*Music.* — Under the direction of the music teacher.

*General Exercises.* — Calisthenic exercises once in each session. Oral drills in Arithmetic. Oral instruction on the elements of the sciences, requiring subsequent description from pupils. Moral Lessons and Lessons on Temperance.

## SEVENTH GRADE.

*Reading.* — Monroe's New Fourth Reader. Selections from newspapers, periodicals, and standard authors. Recitation of selections. Vocal drill.

*Spelling.* — Worcester's Speller, with words from the different text-books used.

*Arithmetic.* — Intellectual Arithmetic completed. Written Arithmetic to Equation of Payments. Omit Metric System.

*Geography Completed.* — Geography of Continents, in detail. Map-drawing, not elaborate, but chiefly to show relations between the different countries.

*Language.* — Text-book in previous use completed. Compositions upon familiar subjects. Special attention to punctuation, use of capitals, &c.

*Penmanship.* — Copy Book No. 4. Observe previous directions.

*Drawing.* — Drawing Book No. 5. Dictation exercises by the teacher.

*Music.* — Under the direction of the music teacher.

*General Exercises.* — As in previous grade.

#### EIGHTH GRADE.

*Reading.* — Appletons' Fifth Reader.

*Spelling.* — Words of difficult orthography. Attention to syllabication, definitions, derivations, &c.

*Arithmetic.* — Written Arithmetic finished. Many practical problems illustrating ordinary business transactions.

*History.* — History of United States. Occasional reviews of important Geographical topics.

*Language.* — Swinton's English Grammar. Compositions. Letter-writing, commercial and social. Declamation and poetical recitations.

*Penmanship.* — Instruction continued as in the preceding grade, — Writing Book No. 5, — with practice in the writing of paragraphs, verses, business forms, notes, superscriptions, &c.

*Drawing.* — Exercises of previous grade continued, — Large Drawing Book No. 6, — with practice in drawing from objects. Teach applied design.

*Music.* — Under the direction of the music teacher.

*General Exercises.* — Physical exercises once in each session. A few minutes' daily practice in mental arithmetic. Conversational lessons and debates upon History, ancient and modern, Biography, &c.

*Lessons in Physiology and Temperance.*

## NINTH GRADE. \*

*Arithmetic.* — Daily recitations in higher arithmetic, with much drill in mental exercises, throughout the year.

*History.* — Read the history of the American People, in connection with the history of the English People, having much oral discussion of the men and customs mentioned in the text.

*Physiology and Hygiene.* — Text-book and oral instruction, with occasional talks by resident physicians.

*Language.* — Particular attention to literary criticism and composition. Train pupils to correct forms of speech and facility in conversation and extempore speaking. Let the whole or a part of each Friday afternoon be devoted to exercises in declamation and composition, and require every pupil to take some part at least once in four weeks.

*Book-keeping* — Single entry. — Much practice in writing business forms, and in the practical application of Book-keeping to the transactions of daily life. Use Copy-books 6 and 7, and give special attention to penmanship in all written work.

*Civil Government and Common Law.* — These subjects should be read and discussed as often as once or twice a week.

*Natural Science.* — Oral instruction should be given in elementary physics, astronomical and mathematical geography, botany and zoölogy.

*Drawing.* — Books 7 and 8.

*Music.* — Under the direction of the music teacher.

*General Exercises.* — Weekly discussion of current events of historical interest. Memorizing choice quotations. Celebration of authors' birthdays. Special elocutionary drill. Lessons in English Etymology, etc.

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\* See page 30 for explanation.

## COURSE OF STUDY OF THE MELROSE HIGH SCHOOL.

## First Year.

| Classical Course.       | Latin Course.                        | English Course.     |
|-------------------------|--------------------------------------|---------------------|
| <i>1st Term.</i>        |                                      |                     |
| Algebra.                | Algebra.                             | Algebra.            |
| History of England.     | History of England.                  | History of England. |
| Latin Gram. and Reader. | Latin Gram. and Reader.              | Civil Government.   |
| <i>2d Term.</i>         |                                      |                     |
| Algebra.                | Algebra.                             | Algebra.            |
| History of England.     | History of England.                  | History of England. |
| Latin Gram. and Reader. | Latin Gram. and Reader.              | Civil Government.   |
| <i>3d Term.</i>         |                                      |                     |
| Algebra.                | Algebra.                             | Algebra.            |
| History of Greece.      | *Book-keeping, or History of Greece. | Book-keeping.       |
| Latin Gram. and Reader. | Latin Gram. and Reader.              | History of Greece.  |
| <i>4th Term.</i>        |                                      |                     |
| Algebra.*               | Algebra.                             | Algebra.            |
| History of Rome.        | *Book-keeping, or History of Rome.   | Book-keeping.       |
| Latin Gram. and Reader. | Latin Gram. and Reader.              | History of Rome.    |

\* Optional.

## Second Year.

| Classical Course.       | Latin Course.                            | English Course.                 |
|-------------------------|------------------------------------------|---------------------------------|
| <i>1st Term.</i>        |                                          |                                 |
| Algebra.                | Algebra.                                 | Algebra.                        |
| Cæsar, Book I.          | Cæsar, Book I.                           | French Gram. and Reader.        |
| Greek Gram. and Reader. | Civil Government.<br>English Literature. | Physics.<br>English Literature. |
| <i>2d Term.</i>         |                                          |                                 |
| Geometry.               | Geometry.                                | Geometry.                       |
| Cæsar, Book II.         | Cæsar, Book II.                          | French Gram. and Reader.        |
| Greek Gram. and Reader. | Civil Government.<br>English Literature. | Physics.<br>English Literature. |
| <i>3d Term.</i>         |                                          |                                 |
| Geometry.               | Geometry.                                | Geometry.                       |
| Cæsar, Book III.        | Cæsar, Book III.                         | French Gram. and Reader.        |
| Greek Gram. and Reader. | English Literature.                      | English Literature.             |
| <i>4th Term.</i>        |                                          |                                 |
| Geometry.               | Geometry.                                | Geometry.                       |
| Cæsar, Book IV.         | Cæsar, Book IV.                          | French Gram. and Reader.        |
| Greek Gram. and Reader. | English Literature.                      | English Literature.             |

## Third Year.

| Classical Course.                             | Latin Course.                                | English Course.     |
|-----------------------------------------------|----------------------------------------------|---------------------|
| <i>1st Term.</i>                              |                                              |                     |
| Cicero and Latin Prose Composition.           | Cicero and Latin Prose Composition.          | Geology.            |
| Anabasis and Greek Syntax.                    | French.                                      | French.             |
| Physics.                                      | Physics.                                     | English Literature. |
| <i>2d Term.</i>                               |                                              |                     |
| Cicero and Latin Prose Composition.           | Cicero and Latin Prose Composition.          | Astronomy.          |
| Anabasis, and Greek Syntax.                   | French.                                      | French.             |
| <i>3d Term.</i>                               |                                              |                     |
| Physics.                                      | Physics.                                     | English Literature. |
| Cicero and Latin Prose Composition.           | Cicero and Latin Prose Composition.          | Botany.             |
| Anabasis and Greek Syntax.                    | French.                                      | French.             |
| English Literature.                           | English Literature.                          | English Literature. |
| <i>4th Term.</i>                              |                                              |                     |
| Cicero, or Nepos, and Lat. Prose Composition. | Cicero, or Nepos, and Lat. Prose Composition | Botany.             |
| Anabasis and Greek Syntax.                    | French.                                      | French.             |
| English Literature.                           | English Literature.                          | English Literature. |

## Fourth Year.

| Classical Course.                           | Latin Course.                  |
|---------------------------------------------|--------------------------------|
| <i>1st Term.</i>                            |                                |
| Virgil, Æneid, and Latin Prose Composition. | Virgil's Æneid.                |
| Homer's Iliad, and Greek Syntax.            | Geology.                       |
| French Gram. and Reader.                    | English Literature.<br>French. |
| <i>2d Term.</i>                             |                                |
| Æneid.                                      | Astronomy.                     |
| Iliad.                                      | Æneid.                         |
| English Authors, French.                    | English Authors, French.       |
| <i>3d Term.</i>                             |                                |
| Æneid.                                      | Æneid.                         |
| Iliad.                                      | Botany.                        |
| English Authors, French.                    | English Authors, French.       |
| <i>4th Term.</i>                            |                                |
| Æneid.                                      | Æneid.                         |
| Iliad.                                      | Botany.                        |
| English Authors, French.                    | English Authors, French.       |

Rhetorical Exercises and Drawing each one hour a week for all classes.

Oral instruction is given in Physiology and Hygiene.

## TEXT-BOOKS USED IN THE HIGH SCHOOL.

Harkness' Latin Grammar.  
Frieze's Virgil.  
Chase and Stuart's Virgil.  
Harkness' Cicero.  
Harkness' Cæsar.  
Jones' Latin Prose Composition.  
Tetlow's Latin Lessons.  
Goodwin's Greek Grammar.  
Goodwin's Anabasis.  
White's Greek Lessons.  
Jones' Greek Prose Composition.  
Keep's Homer's Iliad.  
Winchell's Lessons in Greek Syntax.  
Fyffe's History of Greece (Primer).  
Leighton's History of Rome.  
Freeman's History of England.  
Hart's Rhetoric.  
Martin's Civil Government.  
Walker's Physiology.  
Wentworth's Algebra.  
Bradbury's Algebra.  
Meservey's Book-keeping.  
Bradbury's Geometry.  
Norton's Physics.  
Dana's Geometry.  
Lockyer's Astronomy.  
Gray's Physics.  
Collier's History of English Literature.  
Morris' Chaucer.  
Kitchin's Spenser's Faïery Queene.  
Sprague's Milton.  
Swinton's Studies in English Literature.  
Hudson's Shakespeare.  
Sprague's Irving's Sketch Book.  
Bôcher's Otto's French Grammar.  
" " " Reader.  
Tarver's Fables of La Fontaine.



Table of Statistics for the Year ending December 31, 1886.

| SCHOOLS.                          | Maximum number from Jan. 1 to July 1. | Average attendance during same time. | Maximum number from Sept. 1 to Dec. 31. | Average attendance during same time. | Number of Pupils, Jan. 1, 1887. | Per cent. of attendance for the year. | Average age Dec. 31, 1887. |      |
|-----------------------------------|---------------------------------------|--------------------------------------|-----------------------------------------|--------------------------------------|---------------------------------|---------------------------------------|----------------------------|------|
|                                   |                                       |                                      |                                         |                                      |                                 |                                       | Yrs.                       | Mos. |
| HIGH, First Class.....            | 16                                    | 15.6                                 | 21                                      | 19.3                                 | 21                              | 96.5                                  | 17                         | 9    |
| Second Class .....                | 18                                    | 17.8                                 | 22                                      | 21.5                                 | 22                              | 98.3                                  | 16                         | 9    |
| Third Class.....                  | 28                                    | 27.7                                 | 32                                      | 31.4                                 | 32                              | 98.3                                  | 16                         | 9    |
| Fourth Class.....                 | 44                                    | 42                                   | 43                                      | 40.2                                 | 41                              | 96.5                                  | 15                         | 7    |
| Totals .....                      | 106                                   | 103.1                                | 118                                     | 112.4                                | 116                             | 97.4                                  | ..                         | ..   |
| 8th Grade, Miss Fairbanks'        | 73                                    | 63.4                                 | 98                                      | 92.2                                 | 92                              | 95.                                   | 14                         | 9    |
| 7th " Miss Bisbee's               | 53                                    | 46.4                                 | 50                                      | 44.6                                 | 46                              | 92.1                                  | 13                         | 5    |
| 7th " " Swett's                   | 56                                    | 44.                                  | 59                                      | 44.6                                 | 43                              | 94.6                                  | 13                         | 9    |
| 6th " Centre School               | 51                                    | 46.7                                 | 54                                      | 49.5                                 | 56                              | 96.                                   | 11                         | 10   |
| 6th " Grove St. "                 | 49                                    | 44.6                                 | 54                                      | 46.5                                 | 47                              | 94.                                   | 12                         | 3    |
| 5th " Centre "                    | 42                                    | 37.7                                 | 39                                      | 35.                                  | 38                              | 90.                                   | 11                         | 3    |
| 5th " Grove St. "                 | 52                                    | 44.                                  | 41                                      | 36.4                                 | 40                              | 94.                                   | 11                         | 10   |
| 3d&4th " Centre "                 | 46                                    | 36.6                                 | 58                                      | 54.                                  | 51                              | 90.6                                  | 9                          | 0    |
| " " " Grove St. "                 | 46                                    | 33.6                                 | 48                                      | 40.1                                 | 41                              | 87.1                                  | 9                          | 5    |
| " " " Lynde St. "                 | 35                                    | 27.5                                 | 36                                      | 29.3                                 | 31                              | 90.4                                  | 10                         | 3    |
| " " " Vinton St. "                | 35                                    | 29.5                                 | 48                                      | 36.8                                 | 47                              | 89.7                                  | 9                          | 2    |
| Converse School, Mixed.           | 59                                    | 38.4                                 | 54                                      | 46.7                                 | 50                              | 89.6                                  | 8                          | 3    |
| Upham St. School, Mixed           | 35                                    | 25.6                                 | 35                                      | 26.4                                 | 35                              | 86.3                                  | 7                          | 4    |
| FRANKLIN SCHOOLS, MIXED.          |                                       |                                      |                                         |                                      |                                 |                                       |                            |      |
| 6th & 7th Grades, Miss Mendum's   | 48                                    | 37.                                  | 42                                      | 38.                                  | 42                              | 89.                                   | 13                         | 3    |
| 4th & 5th " " Mitchel's           | 49                                    | 38.4                                 | 49                                      | 40.4                                 | 44                              | 88.2                                  | 10                         | 7    |
| 2d & 3d " " Plummer's             | ..                                    | ....                                 | 44                                      | 35.4                                 | 43                              | 85.7                                  | 8                          | 4    |
| 1st " " Randlette's               | 67                                    | 46.5                                 | 53                                      | 38.1                                 | 46                              | 88.8                                  | 6                          | 4    |
| 1st Grade, Vinton St. Sch.        | 36                                    | 30.7                                 | 39                                      | 34.3                                 | 37                              | 90.                                   | 6                          | 6    |
| 1st & 2d Grades, Centre "         | 64                                    | 55.5                                 | 64                                      | 51.3                                 | 54                              | 88.2                                  | 6                          | 11   |
| " " " Grove St. "                 | 64                                    | 45.2                                 | 50                                      | 40.8                                 | 49                              | 86.7                                  | 6                          | 7    |
| " " " Lynde St. "                 | 36                                    | 27.5                                 | 40                                      | 30.1                                 | 32                              | 86.6                                  | 7                          | 8    |
| 2d Grade, Vinton St., Mrs. Dermot | 52                                    | 46.                                  | 47                                      | 40.                                  | 40                              | 95.                                   | 8                          | 1    |
| Ripley School, Mixed              | ..                                    | ....                                 | ..                                      | ....                                 | 31                              | ....                                  | .                          | .    |
| Aggregate .....                   | 1154                                  | 947.9                                | 1220                                    | 1043                                 | 1151                            | 90.5                                  | ..                         | ..   |

## THE NINTH GRADE.

It is designed to adopt a two-years' course of study in the First Grammar School, for the reasons that the present course is found to be too difficult for many pupils to master in one year, and that a second year's course, embracing some new studies, will either better fit them to enter the High School, or leave them with a more practical and thorough education if their schooling should end here.

This change will not go into effect until September, 1888, so that all may have due notice of the proposed plan, and that those pupils who expect to graduate this year may not feel that an extra task has been imposed upon them.

This subject having so recently been brought to the notice of the public by a member of this Board, through the columns of the *Melrose Journal*, it is perhaps unnecessary to say more here. The proposed course of study for this grade will be found in another part of our report.

---

It has been customary each year to append the Rules and Regulations to the School Reports. As they are substantially the same as last year it seems a needless expense to reprint them when there are plenty of copies extant. They should be kept in print in a separate form to be distributed as occasion requires.

---

In conclusion, we would say, that we have particularized only those schools where changes have been made. To mention each school would seem unnecessary and it would be invidious to particularize any; for all our teachers are laboring as if the welfare of the children under their charge is their first consideration. Indeed, we know of one or two instances where teachers have refused the offer of a position elsewhere, at a higher salary, — preferring to remain in Melrose.

Respectfully submitted,

T. W. RIPLEY,

*For the Committee.*

## AGENT'S REPORT.

The following report of all School Supplies purchased, issued, and on hand, from Jan. 1st, 1886, to Jan. 1st, 1887, is respectfully submitted :—

*Dr.*

|                                                                                                                                                                                      |                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Value of Text-Books in stock, Jan. 1st, 1886 . . .                                                                                                                                   | \$116 20          |
| Value of other supplies in stock, Jan. 1st, 1886 . . .                                                                                                                               | 143 61            |
| Value of Text-Books purchased from Jan. 1st, 1886, to Dec. 31st, 1886 . . . . .                                                                                                      | 599 25            |
| Value of other Supplies purchased from Jan. 1st, 1886, to Dec. 31st, 1886, including Drawing, Writing, and Blank Books, Anatomical Charts, Maps, Chemicals, Stationery, etc. . . . . | 799 08            |
| Total to be accounted for . . . . .                                                                                                                                                  | <u>\$1,658 14</u> |

*Cr.*

|                                                                                         |                   |
|-----------------------------------------------------------------------------------------|-------------------|
| Value of Text-Books issued to Schools from Jan., 1886, to Dec. 31st, 1886 . . . . .     | \$606 09          |
| Value of other Supplies issued to Schools from Jan., 1886, to Dec. 31st, 1886 . . . . . | 826 89            |
| Value of Text-Books in stock, Jan. 1st, 1887 . . .                                      | 109 36            |
| Value of other Supplies in stock, Jan. 1st, 1887 . . .                                  | 115 80            |
|                                                                                         | <u>\$1,658 14</u> |
| Total expenditure for the year ending Dec. 31st, 1886 . . . . .                         | 1,432 98          |
| Received for Books lost or injured . . . . .                                            | \$6 94            |
| Paid to Town Treasurer . . . . .                                                        | 6 94              |

As the number of books belonging to the Town increases with each year, — those belonging to the pupils being gradually withdrawn from the schools, — the care and responsibility devolving on the teacher becomes greater, and much credit is due to both teacher and scholars for the generally good condition of the books.

There are now in the High School belonging to the town 1,376 Text-Books, in the other schools, 4,776: total, 6152.

A. K. MILLER.

## TEACHERS.

| NAMES.                   | SCHOOLS.                             | SALARIES. |
|--------------------------|--------------------------------------|-----------|
| A. G. Whitman .....      | High, Principal.....                 | \$1,700   |
| Clarimond Mansfield .... | High, First Assistant.....           | 625       |
| Hattie G. Ricker.....    | High, Second Assistant.....          | 575       |
| Harriet C. Fairbanks.... | Eighth Grade, Principal.....         | 900       |
| Nellie H. Rogers.....    | Eighth Grade, Assistant.....         | 500       |
| Lucy W. Bisbee.....      | Seventh Grade, Emerson St.....       | 550       |
| Alice Maud Swett.....    | Seventh Grade, Emerson St.....       | 550       |
| Susan D. Melcher.....    | Sixth Grade, Centre School.....      | 550       |
| Helen J. Barrett.....    | Sixth Grade, Grove St.....           | 550       |
| Lydia Mendum .....       | Sixth & Seventh Grades, Franklin St. | 550       |
| Mary J. George.....      | Fifth Grade, Centre School.....      | 500       |
| Kate W. Bascom.....      | Fifth Grade, Grove St.....           | 500       |
| Belle Mitchel.....       | Third, Fourth & Fifth Gr., Franklin  | 500       |
| Annie Chadbourne.....    | Mixed School, Upham St.....          | 450       |
| Alma J. Guptill.....     | Third & Fourth Grades, Grove St...   | 475       |
| Alice H. Long.....       | Third & Fourth Grades, Vinton St..   | 500       |
| Effie C. Sweetser.....   | Third & Fourth Grades, Lynde St...   | 450       |
| Lillie J. Davis.....     | Third & Fourth Grades, Centre Sch..  | 450       |
| Mary A. Plummer.....     | Second & Third Grades, Franklin St.  | 450       |
| Ella M. Donkin.....      | First and Second Grades, Centre Sch. | 500       |
| Annie M. Ransom.....     | First and Second Grades, Vinton St.  | 400       |
| Lucy F. Dermot.....      | First and Second Grades, Vinton St.  | 500       |
| Mary E. Nye.....         | First and Second Grades, Lynde St..  | 450       |
| Emma L. Randlett.....    | First and Second Grades, Franklin... | 500       |
| Hannah J. Gibbons.....   | Third, Fourth, and Fifth Gr., Fells. | 450       |
| Gertrude Smith.....      | First and Second Grades, Fells.....  | 400       |
| Mary I. Hersey.....      | First and Second Grades, Grove St..  | 500       |
| Marion H. Morgan.....    | Mixed School, Swain's Pond Dist...   | 450       |
| Harry Benson.....        | Teacher of Music.....                | 350       |
| Wallace Bryant.....      | Teacher of Drawing.....              | 150*      |
|                          |                                      | \$15,975  |

\* Part of Term.

## JANITORS.

| NAMES.                  | SCHOOLS.                  | SALARIES. |
|-------------------------|---------------------------|-----------|
| Frank M. McLaughlin...  | High School Building..... | \$324     |
| Charles T. Stevens..... | Centre School.....        | 175       |
| Charles H. Fuller.....  | Franklin School.....      | 175       |
| James A. Lambert.....   | Grove Street.....         | 175       |
| Wm. F. Serrat.....      | Lynde Street.....         | 100       |
| Anthony A. Rich.....    | Vinton Street.....        | 175       |
| Eri Upham.....          | Upham Street.....         | 60        |
| Joseph Emerson.....     | Converse School.....      | 100       |
| J. W. Davis.....        | Ripley School.....        | 60        |
|                         |                           | \$1,344   |

## TRUANT OFFICERS.

Frank M. McLaughlin.

Charles T. Stevens.

Charles H. Fuller.

# WARRANT.

---

*To either of the Constables of the Town of Melrose, in  
the County of Middlesex : GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the Inhabitants of the Town of MELROSE, qualified to vote in elections and Town affairs, to meet at the TOWN HALL, on Monday, the seventh day of March, A. D. 1887, at 7 o'clock, A. M., then and there to act on the following Articles, viz. :

ARTICLE 1. To choose a Moderator.

2. To bring in their votes on one ballot for Selectmen, Overseers of Poor, Town Clerk, Town Treasurer, Collector of Taxes, Assessors, one Water Commissioner for three years, Library Trustees, Highway Surveyor or Surveyors, Water Loan Sinking Fund Commissioner for three years, three Auditors, two School Committee for three years, and Constables. Upon a separate ballot to bring in their votes in answer to the question, "Shall license be granted for the sale of intoxicating liquors in this town?" Form of ballots to be "Yes" or "No."

3. To choose all other necessary Town Officers.

4. To authorize the Town Treasurer to borrow money for the purpose of meeting the demands of the Town, with the approval of the Selectmen.

5. To hear and act upon the report of the Finance Committee appointed at meeting held Nov. 9, 1886.

6. To raise money for Schools.

7. To raise money for School Contingent Expenses.

8. To raise money for Highways.

9. To raise money for Sidewalks.

10. To raise money for Crossings and Gutters.

11. To raise money for the Support of the Poor.
12. To raise money for the Fire Department.
13. To raise money for lighting and care of Street Lamps.
14. To raise money for additional Street Lamps.
15. To raise money for Police and Watchmen.
16. To raise money for Contingent Expenses.
17. To raise money to pay Interest on the Town Debt.
18. To raise money for the Reduction of the Town Debt.
19. To raise money for the Public Libraay.
20. To raise money for Water, viz. : to pay cost of constructing works for the past year, and for the use of the water in hydrants, public buildings, etc.
21. To raise money for Salaries of Town Officers, and to fix the compensation of all officers and committees elected or appointed by the Town.
22. To raise money for Drainage, Bridges and Culverts.
23. To raise money for deficiencies in accounts for the past year and for all other necessary expenses for the ensuing year.
24. To determine the method by which the taxes for the year shall be collected.
25. To see if the Town will sell the school buildings now unoccupied, on Green Street, Franklin Street, and Florence Street, the latter known as the old Vinton St. school building.
26. To see if the Town will employ a superintendent of the public schools.
27. To see if the Town will purchase land for a High School building and raise or borrow money for the same.
28. To see if the Town will appropriate the sum of \$200 for keeping in repair and decorating the graves of soldiers on Memorial Day.
29. To see if the Town will build a sidewalk on the west side of Main Street from Franklin Street to Melrose Street and raise money for the same, on petition of C. H. Bean and others.
30. To see if the Town will build a sidewalk on Maple Street and raise money for the same, on petition of Cornelius Casey and others.



31. To see if the Town will accept from the Estate of William H. Jones the sum of one hundred dollars for the purpose of providing for the perpetual care of lot in Wyoming Cemetery, in accordance with Chap. 82, Sect. 17, of the Public Statutes.

32. To see if the Town will accept a street leading from Myrtle St. to Willow St., now called Cherry Street, as laid out by the Selectmen.

33. To see if the Town will accept an extension of Porter Street easterly, as laid out by the Selectmen.

34. To see if the Town will build a house for the engineer at the pumping station, agreeable to petition of the Water Commissioners, and raise money to pay for the same.

35. To see what action the Town will take in regard to a settlement for damages for land taken from George F. Boardman on Essex Street, on petition of H. H. Westgate and others.

36. To see if the Town will grant to H. C. Richardson, without charge, the use of water from stand pipes for the purpose of watering the streets, and also erect a stand pipe on Main St., near Ell Pond, on petition of J. A. Dill and others.

37. To see if the Town will accept a street leading from Grove St. southerly to Park St., now known as Meridian St., as laid out by the Selectmen.

38. To see if the Town will accept a street leading from Franklin St. northerly, now known as Prospect Avenue, as laid out by the Selectmen.

39. To see if the Town will accept a street leading from Main Street westerly, now known as Highland Avenue, as laid out by the Selectmen.

40. To see if the Town will accept a street leading from Main Street westerly, now known as Briggs Avenue, as laid out by the Selectmen.

41. To see if the Town will accept a street leading from Briggs Avenue northerly, now known as Spring Avenue, as laid out by the Selectmen.

42. To see if the Town will accept a street leading westerly from Main St. to Spring Ave., now known as Morgan Avenue, as laid out by the Selectmen.



43. To see if the Town will purchase land at Wyoming and remove the old Vinton St. schoolhouse thereon, for the use of N. D. Blake Hose Co.

44. To see if the Town will purchase or take land for cemetery purposes.

45. To see what action the Town will take to remedy the evil caused by the stagnant water called Dix's Pond, whether they will take the same with or without other adjacent land and fill the said pond, for the purpose of public use in connection with the Town Hall lot, or what other action shall be taken in the matter.

46. To see what action the Town will take to establish telephonic or electrical communication between the outlying districts and the centre for fire and police service.

47. To see if the Town will accept the provisions of Chapter 186 of the Acts of the year 1877, in relation to the election of the overseers of the poor, on petition of W. E. Barrett and others.

48. To hear and act on the reports of committees, and for the transaction of any other business which may legally come before this meeting.

And you are directed to serve this Warrant by posting attested copies thereof at the several places of Public Worship, and at the Depots, seven days, at least, before the time of holding said meeting.

Hereof fail not, and make due return of this Warrant, with your doings thereon, to the Town Clerk, at the time and place of said meeting.

Given under our hands this twenty-fourth day of February, in the year one thousand eight hundred and eighty-seven.

|                  |                               |
|------------------|-------------------------------|
| LEVI S. GOULD,   | } Selectmen<br>of<br>Melrose. |
| H. G. FIELDS,    |                               |
| JOHN K. CURRIER, |                               |

A true Copy.      Attest,

ANSEL B. PIERCE, Constable.

# REPORTS

OF THE

## TOWN OFFICERS OF MELROSE

FOR THE

FINANCIAL YEAR

ENDING DECEMBER 31, 1887.



BOSTON:

ALFRED MUDGE & SON, PRINTERS,

NO. 24 FRANKLIN STREET.

1888.



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# TOWN OFFICERS FOR 1887-8.

---

## Selectmen and Highway Surveyors.

LEVI S. GOULD. JOHN B. SOUTHER.  
JOHN P. DEERING.

---

## Town Clerk.

JOHN LARRABEE.

---

## Treasurer.

GEORGE NEWHALL.

## Collector.

M. F. EASTMAN.

---

## Assessors.

GEORGE C. STANTIAL. GEORGE F. BOARDMAN.  
MOSES BRIGGS.

---

## Water Commissioners.

|                                     |   |   |   |               |         |
|-------------------------------------|---|---|---|---------------|---------|
| WINGATE P. SARGENT, <i>Chairman</i> | . | . | . | Terms expires | 1890.   |
| WILBUR D. FISKE                     | . | . | . | "             | " 1889. |
| JOHN R. JONES                       | . | . | . | "             | " 1888. |

---

## Superintendent of Water Works and Clerk of Board of Water Commissioners.

ADDISON LANE.

---

## Commissioners of Water Loan Sinking Fund.

|                                 |   |   |   |              |         |
|---------------------------------|---|---|---|--------------|---------|
| DANIEL RUSSELL, <i>Chairman</i> | . | . | . | Term expires | 1890.   |
| ROYAL P. BARRY                  | . | . | . | "            | " 1888. |
| JOHN W. FARWELL                 | . | . | . | "            | " 1889. |

---

## School Committee.

|                                   |   |   |   |              |         |
|-----------------------------------|---|---|---|--------------|---------|
| JOHN O. NORRIS, <i>Chairman</i>   | . | . | . | Term expires | 1890.   |
| MRS. SARAH W. BRADBURY            | . | . | . | "            | " 1890. |
| MRS. A. K. MILLER                 | . | . | . | "            | " 1888. |
| S. ROBERTSON WINCHELL (resigned). | . | . | . |              |         |
| CHARLES F. LORING                 | . | . | . | "            | " 1889. |
| MRS. ADDIE B. P. WATERHOUSE       | . | . | . | "            | " 1889. |

---

## Trustees of the Public Library.

|                   |                 |
|-------------------|-----------------|
| ELBRIDGE H. GOSS. | THOMAS B. PECK. |
| CHARLES C. BARRY. | HANNAH LYNDE.   |
| RUBY F. FARWELL.  |                 |

---

## Auditors.

JOHN R. NORTON. FRANK E. ORCUTT.  
WALTER I. NICKERSON.

---

## Overseers of the Poor.

HENRY G. FIELDS. JOHN SINGER, JR.  
MARTHA D. (RING) BALE.

## Constables.

ANSEL B. PIERCE.

FRANK McLAUGHLIN.

HENRY B. NEWHALL.

## Registrars of Voters.

|                                   |   |   |   |                           |
|-----------------------------------|---|---|---|---------------------------|
| ALFRED HOCKING, <i>Chairman</i>   | . | . | . | Term expires May 1, 1890. |
| WALTER BABB                       | . | . | . | " " " 1889.               |
| VICTOR C. KIRMES                  | . | . | . | " " " 1888.               |
| JOHN LARRABEE, <i>Town Clerk.</i> |   |   |   |                           |

## Representative in the General Court.

WILLIAM E. BARRETT.

## Engineers of the Fire Department.

A. WILBUR LYNDE, *Chief.*

WALTER B. ELLIS.

JOHN SINGER, Jr., *Clerk.*

## Measurers of Wood and Bark, Weighers of Hay and Coal.

SETH E. BENSON.

M. F. EASTMAN.

## Surveyor of Lumber.

HENRY A. LEONARD.

## Committee on Cemeteries.

GEORGE NEWHALL.

DANIEL RUSSELL.

JOHN LARRABEE.

## Fence Viewers.

DEXTER PRATT.

JOSEPH S. EASTMAN.

## Pound Keeper,

W. TRUMAN HOWARD.

## Field Drivers.

OTIS HOWARD.  
FRANK GIBBONS.HENRY B. NEWHALL.  
W. TRUMAN HOWARD.

## Police Officers.

FRANK M. McLAUGHLIN, *Chief.*  
 HENRY B. NEWHALL.  
 CHARLES T. STEVENS.  
 REDFORD M. RAND.  
 JOHN W. DAVIS.  
 D. T. STOCKWELL.  
 EDWARD O. GOODRIDGE.

W. A. CASWELL.  
 A. WILBUR LYNDE.  
 OSBORNE E. DROWN.  
 CHAS. H. FULLER.  
 A. B. PIERCE.  
 H. E. ROBINSON.  
 HENRY BARRON.

## Forest Fire Wards.

DEXTER PRATT.  
CHASE C. WORTHEN.CALVIN LOCKE.  
JAMES MARSHALL.

HENRY BARRON.

## Sealer of Weights and Measures.

ANSEL B. PIERCE



## REPORT OF THE SELECTMEN.

---

### *To the Citizens of Melrose:*

In submitting our annual report, the selectmen desire to congratulate the tax-payers of Melrose on the sanitary, financial, and general prosperity of our town during the past year. Expenditures have been kept within prescribed limits, as shown by various financial reports hereto attached; public improvements have not been neglected or curtailed, while the rate of taxation compares favorably with the leading towns of the Commonwealth, and is in point of fact much lower than many of our neighboring communities. That Melrose has assumed a commanding position among the desirable residence towns of large population in the State none can deny who have watched her steady increase in permanent homes during the past decade or two. For this, reasons are not wanting. She offers pure air, beautiful scenery, cheap land, the best of water, excellent schools, fine railroad accommodations, and underlying all, such a religious, moral, and social atmosphere as pervades only the ideal community. Forty-three years ago the town of Malden, of which Melrose and Everett were component parts, contained a population of 2,700; now Melrose alone has more than 7,000, Everett a somewhat larger number, and Malden, not less than 18,000, showing a total present population in the original boundary lines of Malden of about 33,000 people. That the marvelous growth of this section may be the more thoroughly appreciated, and as a unique contribution to local history, we print the following description of Malden, written before the incorporation of Melrose, and at about the time the Boston and

Maine Railroad commenced to run its trains with regularity. It is from the pen of the celebrated John Hayward, a gazetteer of great prominence in his day : —

“Until the erection of Charles River and Malden bridges, in 1786 and 1787, this town was as far ‘down east’ in regard to its connection with Boston by roads and bridges as any town in the county of York, in the State of Maine, now is. In those days, a Malden lady wishing to visit Boston by land, had to rise early and travel by wagon, side-saddle or pillion, through Medford, Charlestown, Cambridge, Little Cambridge (now Brighton), Brookline, Roxbury, and over the Neck to the great metropolis, and when she arrived was so fatigued by her day’s journey that she had to rest a day or two before she was able to make her calls. But now, how changed ! Those cruel turnpike killers and despisers of horseflesh, the legislators of Massachusetts, have granted permission to a number of men to set up a long, narrow building on trundles, a sort of travelling meeting-house, with a bell to it, and a row of pews on each side of the aisle, drawn by a savage-looking beast that keeps puffing and whistling like a northeaster, and when started, seems as if Satan himself couldn’t catch him. By this mode of travelling, a lady or gentleman at Malden may leave home at almost any hour, go down south to Boston, a distance of five miles, see their friends, do their errands, and return in one short sunny hour. There are now two delightful and flourishing villages in the town [of which Melrose was, of course, one], through both of which the railroad passes. The number of inhabitants in 1845, in the whole of Malden, was computed at 2,700.”

#### HIGHWAYS.

|                                                                        |                   |
|------------------------------------------------------------------------|-------------------|
| The appropriation for this department was . . .                        | \$6,500 00        |
| To which is added the Maple Street Sidewalk<br>appropriation . . . . . | 300 00            |
| The Porter Street Extension appropriation . . .                        | 300 00            |
| <hr/>                                                                  |                   |
| <i>Amount carried forward . . . . .</i>                                | <i>\$7,100 00</i> |

|                                        |   |   |   |   |            |
|----------------------------------------|---|---|---|---|------------|
| <i>Amount brought forward</i>          | . | . | . | . | \$7,100 00 |
| The Main Street Sidewalk appropriation | . | . | . | . | 500 00     |
| The Meridian Street repairs            | . | . | . | . | 300 00     |

---

\$7,900 00

|                                                                                                                                             |   |   |   |   |   |   |   |            |
|---------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|------------|
| Add also the amount refunded to the town by<br>the East Middlesex Street Railroad Com-<br>pany for work properly belonging to them<br>to do | . | . | . | . | . | . | . | 766 50     |
| Total                                                                                                                                       | . | . | . | . | . | . | . | \$8,666 50 |

All of which has been expended in accordance with itemized statement appended under its proper heading. Of the gravel spread upon the roads the town has purchased over seven thousand loads. The East Middlesex Street Railroad Company have furnished and carted at their own expense in the vicinity of two thousand, and there has been at least two thousand more taken from other sources, such as the roads, etc. The selectmen are constantly hampered in their work upon the highways by the difficulty in obtaining blue gravel, the only cheap and suitable article for road making, the distance of the haul greatly augmenting the cost. This evil is increasing each year, and we think it would be economy for the town to secure without delay such pits as may be available.

#### ESSEX STREET DRAIN.

In accordance with the vote of the town, after a thorough survey and examination of all proposed plans, we decided to run the drain from near the corner of Essex and Vine Streets to Myrtle, thence to corner of Winthrop, through Winthrop to Main, thence to the large culvert running to Ell Pond Brook from Dix's Pond. We were enabled to do this within the appropriation, and also within the scope of your vote directing us to relieve Dix's Pond as far as possible from surface water. We are pleased to say that the drain works perfectly,

and all the enormous quantity of water heretofore flowing into Winthrop Street, to the discomfort of residents, now finds its way into the drain, and thus to Ell Pond Brook instead of Dix's Pond, as heretofore.

#### SUMMER STREET DRAIN.

This drain was laid, as per your vote, within the appropriation, over land of Mr. James Rendall, after he had deeded a right of way to the town.

#### SECOND STREET (Opposite Town Common).

This street, at point named, was contracted for within your appropriation, and has been built to grade during the winter, under the inspection of Mr. W. C. Stevens, engineer. It is considered a great improvement.

#### LAND DAMAGES.

We have settled with Geo. F. Boardman for damages widening Essex Street, \$59.60. A settlement has also been effected with the heirs of Timothy Corey for land taken to widen Berwick and Grove Streets, \$106.25. Both of these amounts are in accordance with the award of the selectmen and with your votes.

#### BOUNDARY LINE BETWEEN MALDEN AND MELROSE.

Under the instructions contained in your vote at the last town meeting, the selectmen of Melrose and the Board of Aldermen of the city of Malden jointly appointed Walter C. Stevens, engineer, as representing the selectmen of Melrose, and G. A. Wetherbee, engineer, as representing the Board of Aldermen of the city of Malden, to confirm said lines in accordance with the charter of incorporation of said Melrose, and to locate and establish the true bounds thereof, should they be found inaccurately placed. Their report is hereto annexed. It will be noticed that Melrose receives "Acorn" cottage, which

has been the "nut" of contention between us, and so the subject is happily disposed of.

DEC. 15, 1887.

*To Special Committee on Survey of Division Line between Malden and Melrose: —*

In accordance with an order from your committee to survey and define the dividing line between the city of Malden and the town of Melrose, we respectfully submit the following report.

Using for our initial or starting-point the stone bound which marks the intersection of the boundary lines of Malden, Melrose, Revere, and Saugus, we ran an arbitrary line to the westward, connecting with the various stone bounds as we passed them, and stopping at the bound which marks the southwest corner of the town of Melrose.

This line was projected and measured with extreme care, and we have no reason to doubt its accuracy. The remainder of our work was done in the office; which consisted of reducing our arbitrary or transit line to a mathematically straight line between the terminal points of our survey, and determining the relative position of the intermediate bounds, which we find to be as follows: —

Bound on Broadway, 23.97 feet south of true line.

“ “ Swain's Pond Avenue, 14.94 feet south of true line.

“ “ Lebanon Street, 15.18 feet south of true line.

“ “ Forest Street, 8.72 feet south of true line.

“ “ Main Street, 15.81 feet south of true line.

“ “ Washington Street, 10.55 feet south of true line.

Acorn Cottage on Eliett Street, or more properly Brazil Street, the disputed position of which has been a source of trouble to the assessors, we find to be wholly in Melrose.

The deviation in the line of bounds we attribute to the presumption that they were originally set by compass, a not unusual method of defining town lines, but owing to what is termed daily variation of the needle and local attraction, a very inaccurate one.



The accompanying plan will give a graphic illustration of the line and the position of the bounds.

In conclusion, we might say that the bounds in question can easily be reset, and would also suggest that two new ones (if the committee so desire) be placed: one on Elliott or Brazil Street, and the other on the road leading from Wyoming to Forestdale Cemetery.

G. A. WETHERBEE, *for Malden.*

WALTER C. STEVENS, *for Melrose.*

We hereby certify that we have perambulated the boundary line as above described as the duly appointed substitutes of the Board of Aldermen of the City of Malden, and the selectmen of the Town of Melrose, and by their direction have established bounds at the points mentioned in the above report.

G. A. WETHERBEE.

WALTER C. STEVENS.

#### HOSE HOUSE AT WYOMING.

Following out the strict letter of your instructions, the selectmen purchased of Henry Lynde a lot of land on Main Street as directed, paying therefor the exact sum you voted, viz., ten cents per foot, which with examination of titles amounted to \$449.75. We also sold to the highest bidder, as you directed, the Vinton Street Schoolhouse, \$510. So that the money remaining in the treasury available to the building of a new house is (with the original appropriation of \$1,200) \$1,260.25, — abundantly sufficient for the purpose. The only case on record where the selectmen have been able to report at the close of their term a sum exceeding the original amount *and a first-class lot of land besides!* Our excuse for not commencing the building is that a remonstrance was filed against it, and we concluded to let the matter rest.

## STREET LIGHTS.

In conformity with your instructions, we contracted with the Malden Electric Light Company for fourteen arc lights, and several others have been established at various points, and supported by gratuitous contribution. This service has been in the main excellent, and we are certainly bound to report that the misgivings of many very good citizens have failed to materialize. The Wheeler Reflector Company serves one hundred and forty-nine lights, and the Malden and Melrose Gas Company twenty-two. The entire cost of street lighting to the town has been \$2,930.38.

## SIDEWALKS, CROSSINGS, AND GUTTERS.

More work has been accomplished in this department than in any previous year. We advise a continuance of liberal appropriations for concreting, also for repairs to old walks. Through inadvertence, the cost of preparing walks for concrete has been borne entirely by the town for several years, which is not in accordance with law or equity, as the abutter is required, under the statutes, to pay *one half the entire expense* of his sidewalk and the town the balance. During the past year your selectmen have acted *strictly under the provisions of this law*, and assessed one half cost of *preparing* the walk for concrete as well as one half the concrete itself.

## ASSESSORS' VALUATION BOOK.

This work has been published within the appropriation, and distributed as per vote of the town.

## MELROSE IMPROVEMENT SOCIETY.

The good work of this excellent organization continues under the management of public-spirited citizens. Mr. W. H. Folsom, the president, is specially active, and has devoted a great deal of time to the interests of the society. He is entitled to the thanks of the community. We append a statement of receipts and disbursements.



REPORT OF TREASURER OF THE MELROSE IMPROVEMENT  
SOCIETY FROM MARCH 1, 1887, TO JAN. 1, 1888.

|                                                                                              |          |
|----------------------------------------------------------------------------------------------|----------|
| Balance on hand, March 1, 1887 . . . . .                                                     | \$64 67  |
| Interest, Melrose Savings Bank . . . . .                                                     | 72       |
| Annual dues, \$1 each . . . . .                                                              | 276 00   |
| Planting trees . . . . .                                                                     | 108 00   |
| Annual entertainment . . . . .                                                               | 23 23    |
| From Town of Melrose, for trimming trees . . . . .                                           | 50 00    |
| From Town of Melrose, for cutting grass and<br>clearing weeds from certain streets . . . . . | 99 77    |
|                                                                                              | <hr/>    |
|                                                                                              | \$622 39 |

EXPENDITURES.

|                                                                                        |          |
|----------------------------------------------------------------------------------------|----------|
| C. O. Saunders, for furnishing and planting 164<br>trees, 130 protectors, etc. . . . . | \$297 40 |
| C. O. Saunders, for trimming trees, 5 days at<br>\$12 (4 men and 2 teams) . . . . .    | 60 00    |
| C. O. Saunders, for leathering 507 trees . . . . .                                     | 38 00    |
| Otis Howard, for work on streets . . . . .                                             | 99 77    |
| Otis Howard, for work at Highlands . . . . .                                           | 14 05    |
| T. C. Fielding, filling Town Hall vase . . . . .                                       | 24 00    |
| O. E. Drown, care of same . . . . .                                                    | 5 00     |
| C. A. Marsh, printing . . . . .                                                        | 11 00    |
| W. L. Williams, printing . . . . .                                                     | 19 70    |
| A. W. Lynde, labor and teaming . . . . .                                               | 29 72    |
| Chas. McKinnon, labor on Common . . . . .                                              | 5 00     |
| Eli Upham, hauling loam . . . . .                                                      | 3 00     |
| Miscellaneous . . . . .                                                                | 3 75     |
| Balance in Melrose Savings Bank . . . . .                                              | 12 00    |
|                                                                                        | <hr/>    |
|                                                                                        | \$622 39 |

E. K. BORDMAN,  
*Treasurer.*

## BOARD OF HEALTH.

(J. P. DEERING, Chairman.)

There have been reported to the Board during the year, fifty-three cases of contagious diseases, classified as follows :—

| MONTHS.         | Diphtheria. | Scarlet Fever. | Typhoid Fever. |
|-----------------|-------------|----------------|----------------|
| January .....   | —           | 2              | —              |
| February .....  | —           | 5              | —              |
| March .....     | —           | —              | 1              |
| April .....     | —           | 1              | —              |
| May .....       | —           | 2              | 1              |
| June .....      | —           | 2              | —              |
| July .....      | 3           | 1              | 2              |
| August .....    | —           | 2              | 3              |
| September ..... | —           | —              | 6              |
| October .....   | —           | 3              | 4              |
| November .....  | —           | 3              | —              |
| December .....  | 2           | 8              | 2              |
|                 | 5           | 29             | 19             |

The increase of scarlet fever over the preceding year is quite marked, but with few exceptions the Board are informed that the cases have assumed a very mild type. The decrease in diphtheria, which during the summer of 1886 was, for a short time, so prevalent, is perhaps equally noticeable.

Thirty complaints were received of nuisances existing upon and about the premises of citizens. These were duly investigated, and in all cases orders given for the suppression of the same. With but few exceptions, the Board have met with a ready response to all the requirements made, it being evident that the desire of the whole community has been for the prompt enforcement of all sanitary rules and regulations, as adopted by the Board.

We would suggest that in order to make a more efficient inspection of the sanitary conditions of the town from time to time, an appropriation of two hundred dollars be made for the expenses of the Board, as at present we are obliged to draw from the contingent fund.

## EAST MIDDLESEX STREET RAILWAY COMPANY.

This corporation has extended its line through Melrose during the past year. In construction and equipment it equals the best of its kind, and so far as we are informed its service is satisfactory, and a great public convenience. We are bound also to say that its officers and contractors have been courteous and honorable in their dealings with the town, and all questions of difference have met with a prompt and satisfactory adjustment.

## DAMAGES CLAIMED AGAINST THE TOWN.

Early in 1886 a dispensation of Divine Providence flooded certain portions of the estate of Justus Geist, for which he claims the town of Melrose is responsible. He has commenced an action for damages. Ed. A. Harriman alleges personal injuries on Howard Street, and has entered suit thereon. A careful and conscientious examination into both claims has convinced your selectmen that they lack the elements of justice and equity. Colonel F. S. Hesseltine has legal charge of these cases on behalf of the town.

The case of Franklin Rogers, of Bangor, Me., for damages on Washington Street, which was reported last year, has been settled, we are informed, by the City of Malden, without expense to Melrose in any way.

## MYSTIC VALLEY SEWER.

We watched this matter, and attended hearings before the Legislature, until the subject was finally disposed of for the present, through reference to the State Board of Health. They are to report at some future time a thoroughly digested scheme for legislative action.

## NEW STREETS.

We have laid out, and the town has accepted, the following streets, viz. : Pine Street and an extension of Rowe Street.

Also a widening of Grove and Berwick Streets at their junction. We have also viewed and laid out several other streets petitioned for, which will be reported at the annual meeting.

Thanking the citizens for their uniform support and courtesy in the discharge of our official duties,

We are respectfully,

LEVI S. GOULD,  
JOHN B. SOUTHER,  
JOHN P. DEERING,

*Selectmen.*

## REPORT OF OVERSEERS OF THE POOR.

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The overseers of the poor respectfully submit their report for the year ending Dec. 31, 1887. For the expenditures and receipts, they refer to the financial columns of this report, prepared by the clerk of the Board of Selectmen, by which it will appear that the total expense of the department has been \$5,307.02. This amount taken from the appropriation and receipts for the year, leaves a balance of \$40.72. Under the administration of the later enacted laws, the number of paupers who are town charges, instead of State ones, as formerly, has been very largely increased.

As time goes on, the change will become still more apparent, and that, together with the increase of paupers, consequent upon the natural growth of the town, will give us still larger numbers directly dependent upon us. This will suggest to the minds of many citizens the necessity of almshouse accommodations at no distant day. And while the town has expressed itself, within recent years, as adverse to such a project, on the score of economy, yet this Board is aware, in common with many of our citizens, that from the stand-point of a convenient or humane method in the discharge of its duties, such accommodations are needed even now.

### NUMBER OF PERSONS SUPPORTED AND AIDED DURING 1887.

|                                                           |    |
|-----------------------------------------------------------|----|
| Persons assisted . . . . .                                | 80 |
| Persons fully supported . . . . .                         | 21 |
| Sane persons in almshouses and private families . . . . . | 11 |
| Insane persons in hospitals . . . . .                     | 10 |

|                                          |    |
|------------------------------------------|----|
| School for feeble-minded . . . . .       | I  |
| State Primary School at Munson . . . . . | I  |
| Tramps lodged at station . . . . .       | 72 |

The Board have sought to manage the affairs of this department with care, and to do its duty to the poor as well as to the citizens who have given the trust.

It desires to give its testimony to the generous and efficient aid they have received from the Melrose Charitable Association, also from those citizens who have given of their means to save quite a number of unfortunate poor from being pauperized, to which a pinching winter was exposing them. Such good is far above our comment. It brings down its own reward, to swell the bosom of the giver.

H. G. FIELDS,  
JOHN SINGER, JR.,  
MARTHA D. BALE,

*Overseers of Poor.*



## REPORT OF THE TOWN CLERK.

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### PROCEEDINGS OF TOWN MEETINGS.

Annual Meeting, March 7, 1887, 7 A. M.

ARTICLE I OF THE WARRANT. To choose a moderator.

Chose Levi S. Gould, by unanimous vote.

ART. 2. To bring in votes on one ballot for selectmen, clerk, treasurer, collector, assessors, and other officers.

To bring in votes, upon a separate ballot, in answer to the question, "Shall licenses be granted for the sale of intoxicating liquors in this town?" Form of ballots to be "Yes" or "No."

*Voted*, To elect three overseers of the poor for one year.

*Voted*, That the selectmen shall also be highway surveyors.

*Voted*, That the officers elected this day shall consist of three selectmen, who shall also be highway surveyors, three overseers of the poor, one clerk, one treasurer, one collector of taxes, three assessors, one water commissioner for three years, one water loan sinking fund commissioner for three years, two school committee for three years, five trustees of the public library, three auditors, and three constables.

*Voted*, That the transaction of town business, other than voting, be postponed to 7.30 P. M.

Polls opened.

*Voted*, That the polls be closed at 5 P. M.

Tellers appointed and sworn: John R. Jones, Edward C. Morgan, Albon W. Parker, Justin E. Boynton, Charles F. Loring.

Polls closed at 5 P. M.



## OFFICERS DECLARED ELECTED BY THE MODERATOR.

*Selectmen and Highway Surveyors.* — Levi S. Gould, John B. Souther, John P. Deering. *Overseers of the Poor.* — Henry G. Fields, John Singer, Jr., Eunice B. Phinney. *Town Clerk.* — John Larrabee. *Town Treasurer.* — George Newhall. *Collector of Taxes.* — M. Frank Eastman. *Assessors.* — George F. Boardman, Moses Briggs, George C. Stantial. *Water Commissioner for three years.* — Wingate P. Sargent. *Water Loan Sinking Fund Commissioner for three years.* — Daniel Russell. *School Committee for three years.* — John O. Norris, Sarah W. Bradbury. *Trustees of the Public Library.* — Elbridge H. Goss, Charles C. Barry, Thomas B. Peck, Hannah Lynde, Ruby F. Farwell. *Auditors.* — John R. Norton, Frank E. Orcutt, Walter I. Nickerson. *Constables.* — Ansel B. Pierce, Frank M. McLaughlin, Henry B. Newhall.

## LICENSE QUESTION.

"Yes," two votes ; "No," four hundred and twenty votes.  
*Voted,* To adjourn.

Adjourned Meeting, March 7, 1887, 7.30 P. M.

ART. 4. To authorize the town treasurer to borrow money for the purpose of meeting the demands of the town, with the approval of the selectmen.

*Voted,* unanimously, that the treasurer be authorized, with the approval of the selectmen, to hire money to renew, replace, or pay any existing loan or loans ; also to hire money in anticipation of taxes for the current year, to meet expenses, and issues notes of the town therefor.

ART. 43. To see if the town will purchase land at Wyoming and remove the old Vinton Street Schoolhouse thereon, for the use of N. D. Blake Hose Company.

*Voted,* That a committee, consisting of the engineers of the Fire Department and the Board of Selectmen, act in conjunction upon the matter, and report to the adjourned meeting.

ART. 44. To see if the town will purchase or take land for cemetery purposes.

*Voted*, That a committee be appointed to take the matter into consideration, and report at some future meeting. Committee appointed: George Newhall, Daniel Russell, John Larrabee.

ART. 31. To see if the town will accept from the estate of William H. Jones the sum of one hundred dollars, for the purpose of providing for the perpetual care of lot in Wyoming Cemetery, in accordance with Chap. 82, Sect. 17, of the Public Statutes.

*Voted*, To accept the trust, and that the interest upon the same be expended in accordance with the provisions of the statute.

ART. 30. To see if the town will build a sidewalk on Maple Street and raise money for the same, on petition of Cornelius Casey and others.

*Voted*, That the sum of three hundred dollars be raised and appropriated for a gravel sidewalk on Maple Street.

ART. 29. Laid on table.

ART. 5. To hear and act upon the report of the Finance Committee appointed at meeting held Nov. 9, 1886.

Report read and accepted.

ART. 6. To raise money for schools.

*Voted*, To raise twenty thousand dollars.

ART. 7. To raise money for school contingent expenses.

*Voted*, To raise four thousand five hundred dollars.

ART. 8. To raise money for highways.

*Voted*, To raise six thousand five hundred dollars, of which amount one thousand dollars shall be expended on Washington Street.

*Voted*, That the selectmen be authorized and directed to expend one hundred and fifty dollars for the clearing of all rubbish from the streets.

ART. 9. To raise money for sidewalks.

*Voted*, To raise two thousand dollars, of which amount five

hundred dollars shall be expended in repairs on existing walks, and the remainder to be expended in accordance with votes of previous years by which abutters pay one half of the expense.

ART. 10. To raise money for crossings and gutters.

*Voted,* To raise six hundred dollars.

ART. 11. To raise money for the support of the poor.

*Voted,* To raise four thousand five hundred dollars.

ART. 12. To raise money for the Fire Department.

*Voted,* To raise two thousand one hundred dollars.

ART. 13. To raise money for lighting and care of street lamps.

*Voted,* That a committee, consisting of the Board of Selectmen and Drs. G. L. Austin and J. S. Clark, consider the matter of lighting the streets by electricity, and report at the adjourned meeting as to methods and probable cost.

ART. 14. Laid on table.

ART. 15. To raise money for police and watchmen.

*Voted,* To raise eighteen hundred dollars.

ART. 16. To raise money for contingent expenses.

*Voted,* To raise twelve hundred dollars.

ART. 17. To raise money to pay interest on the town debt.

*Voted,* To raise five thousand five hundred dollars.

ART. 18. To raise money for the reduction of the town debt.

*Voted,* To raise five thousand dollars.

ART. 19. To raise money for the public library.

*Voted,* To raise seven hundred and fifty dollars, to which shall be added the dog tax when received.

ART. 20. To raise money for water, viz.: to pay cost of constructing works for the past year, and for the use of the water in hydrants, public buildings, etc.

*Voted,* To raise two thousand dollars for the use of the water in hydrants, public buildings, etc.

*Voted,* That the town treasurer be authorized to borrow seven thousand ninety-nine and ninety-five hundredths dollars

to pay the cost of constructing the water works for the year 1886, and that the selectmen be authorized to petition the Legislature for authority to issue additional water bonds to the amount of fifty thousand dollars, to be used as may be necessary for constructing the water works, from time to time, under the authority of the town. (Unanimous vote)

ART. 21. To raise money for salaries of town officers, and to fix the compensation of all officers and committees elected or appointed by the town.

*Voted*, To raise two thousand eight hundred dollars ; that the salaries of the selectmen shall be two hundred dollars each ; of the assessors, one hundred and fifty dollars each ; of the overseers of the poor, chairman of the board, one hundred and fifty dollars, other members fifty dollars each ; of the auditors, twenty-five dollars each ; and that the other town officers' salaries be the same as last year.

*Voted*, That the sum of three hundred dollars be appropriated for such clerical services as may be required by the assessors.

ART. 22. To raise money for drainage, bridges, and culverts.

*Voted*, To raise seven hundred dollars.

*Voted*, To adjourn for four weeks, viz., to Monday evening, April 4, 1887, at 7.30 o'clock.

Adjourned Meeting, April 4, 1887, 7.30 P. M.

ART. 2. Declination of Mrs. Eunice B. Phinney, of the office of overseer of the poor, read and accepted.

*Voted*, That the polls be opened, and that the town clerk be instructed to cast a ballot for Miss Martha D. Ring, who was declared elected.

ART. 23. To raise money for deficiencies in accounts for the past year, and for all other necessary expenses for the ensuing year.

*Voted*, To raise for deficiencies, \$4,850.50, viz.: school contingent, \$525.49 ; highways, \$987.80 ; street lights, \$97 ;

insurance, \$256.30 ; military aid, \$266 ; Town Hall, \$2,717.91 ; total, \$4,850.50.

*Voted*, That the town treasurer be and is hereby instructed that he shall not hereafter pay out town moneys in excess of appropriations, nor shall the selectmen incur obligations in excess of appropriations, save in case of a pressing emergency, except upon vote of the town.

*Voted*, That there be raised and appropriated toward the running expenses of the Town Hall building the sum of five hundred dollars, and that the treasurer be authorized to pay in addition thereto a sum not exceeding eight hundred dollars in anticipation of the revenue from said building.

*Voted*, That there be raised and appropriated for the purpose of paying military aid, under Chap. 252, Acts of 1879, the sum of three hundred dollars.

ART. 23. Laid on table.

ART. 24. To determine the method by which the taxes for the year shall be collected.

*Voted*, That all single poll taxes be made payable on or before Aug. 1, 1887 ; that all other taxes be made payable on or before Oct. 1, 1887 ; and that interest be added upon all taxes remaining unpaid after that date at the rate of six per centum per annum ; that all property on which the taxes remain unpaid on June 1, 1888, be sold by the collector, in accordance with the provisions of law.

*Voted*, That the above vote be strictly carried out by the collector.

ART. 13. To raise money for lighting and care of street lamps.

Report of committee appointed at meeting held March 7, 1887, read and accepted.

*Voted*, To adopt the recommendations of the committee in their report, viz. : that the sum of thirty-five hundred dollars be raised and appropriated for lighting the streets of the town, and that the selectmen be authorized to expend so much of said sum as will be necessary to maintain not less than



fourteen electric lights, in such localities as may in their judgment best subserve the public interest.

*Voted*, To adjourn to Saturday evening, April 9, 1887, at 7.30 o'clock.

Adjourned Meeting, April 9, 1887, 7.30 P. M.

ART. 44. To see if the town will purchase or take land for cemetery purposes.

Report of committee appointed at previous meeting read and accepted.

*Voted*, To adopt the recommendations of the committee, and that the treasurer be and is hereby authorized to accept from Charles Pratt a deed of his farm on the westerly side of Lebanon Street; that the treasurer be further authorized to issue in payment therefor a note of the town for the sum of ten thousand dollars, payable to the executors or administrators of said Pratt's estate, six months after his decease, bearing interest at five per cent per annum, payable semi-annually; that the treasurer shall also execute and deliver unto said Charles Pratt a lease of the buildings and not exceeding three acres of the land, surrounding the same, which lease shall be valid during his natural life; that the Board of Selectmen be authorized to countersign said note and lease. (Unanimous vote.)

ART. 34. To see if the town will build a house for the engineer at the pumping station, agreeable to petition of the water commissioners, and raise money to pay for the same.

*Voted*, That for the purpose of erecting a building for the use of the engineer at the pumping station and for the purchase of land for the same, the town treasurer be authorized to borrow the sum of twenty-three hundred dollars, which, together with the unexpended balance from the high service appropriation, is hereby appropriated, and that the water commissioners be authorized to expend the same.

ART. 43. To see if the town will purchase land at Wyoming and remove the old Vinton Street Schoolhouse thereon, for the use of N. D. Blake Hose Company.

Report of committee appointed at previous meeting read and accepted.

*Voted*, That the selectmen, acting in behalf of the town, be authorized to purchase a lot of land near the house of Warren Lynde, on Main Street, paying therefor a sum not to exceed ten cents per square foot, and cause to be moved thereon the unoccupied wooden Vinton Street Schoolhouse, and in conjunction with the Board of Fire Engineers, fit up the same for the uses of the N. D. Blake Hose Company ; or they are authorized hereby, in their discretion, to sell said building where it now stands at public or private sale, and use the proceeds thereof toward the payment of a new hose house hereby authorized, providing the whole expense thereof, including land, shall not exceed the sum of twelve hundred dollars and the additional amount received from said sale.

*Voted*, That the sum of twelve hundred dollars be raised and appropriated for the above purpose.

ART. 3. To choose all other necessary town officers.

#### OFFICERS ELECTED.

*Measurers of Wood and Bark, Weighers of Hay and Coal.* — Seth E. Benson, M. F. Eastman. *Surveyor of Lumber.* — Henry A. Leonard. *Committee on Cemeteries.* — George Newhall, Daniel Russell, John Larrabee. *Field Drivers.* — Otis Howard, H. B. Newhall, Frank Gibbons, W. Truman Howard. *Fence Viewers.* — Dexter Pratt, Joseph S. Eastman. *Pound Keeper.* — W. Truman Howard. *Forest Firewards.* — Dexter Pratt, Calvin Locke, Chase C. Worthen, James Marshall, Henry Barron. *Sealer of Weights and Measures.* — Ansel B. Pierce.

ART. 14. To raise money for additional street lamps.

*Voted*, To raise one hundred and fifty dollars.

ART. 25. To see if the town will sell the school buildings now unoccupied, on Green Street, Franklin Street, and Florence Street, the latter known as the old Vinton Street School building.



*Voted*, To indefinitely postpone.

ART 26. To see if the town will employ a superintendent of the public schools.

*Voted*, To indefinitely postpone.

ART. 48. To hear and act on the reports of committees, and for the transaction of any other business which may legally come before this meeting.

The report of the special committee on improved water supply "high service," as printed with the annual reports, was accepted.

The final report of the committee on the "Fells" school-house was read and accepted.

*Voted*, To adjourn to Wednesday evening, April 13, 1887, at 7.30 o'clock.

Adjourned Meeting, April 13, 1887, 7.30 P. M.

ART. 33. To see if the town will accept an extension of Porter Street easterly, as laid out by the selectmen.

*Voted*, That the report of the selectmen be accepted and adopted, and that three hundred dollars be raised and appropriated for the building of the same.

ART. 29 To see if the town will build a sidewalk on the west side of Main Street, from Franklin Street to Melrose Street, and raise money for the same, on petition of C. H. Bean and others.

*Voted*, That the sum of five hundred dollars be raised and appropriated for the purpose of building a sidewalk on the west side of Main Street, between Franklin and Melrose Streets.

ART. 27. To see if the town will purchase land for a High School building, and raise or borrow money for the same.

*Voted*, To indefinitely postpone.

ART. 28. To see if the town will appropriate the sum of \$200 for keeping in repair and decorating the graves of soldiers on Memorial Day.

*Voted*, That there be raised for the purpose of keeping in repair and decorating the graves of soldiers in this town the sum of two hundred dollars.

ART. 32. To see if the town will accept a street leading from Myrtle Street to Willow Street, now called Cherry Street, as laid out by the selectmen.

*Voted*, That the report of the selectmen be accepted and adopted.

ART. 35. To see what action the town will take in regard to a settlement for damages for land taken from George F. Boardman on Essex Street, on petition of H. H. Westgate and others.

*Voted*, To indefinitely postpone.

ART. 36. To see if the town will grant to H. C. Richardson, without charge, the use of water from stand-pipes for the purpose of watering the streets, and also erect a stand-pipe on Main Street, near Ell Pond, on petition of J. A. Dill and others.

*Voted*, To indefinitely postpone.

ART. 37. To see if the town will accept a street leading from Grove Street southerly to Park Street, now known as Meridian Street, as laid out by the selectmen.

*Voted*, That the report of the selectmen be accepted and adopted ; that the sum of three hundred dollars be raised and appropriated for the building of the same.

ART. 38. To see if the town will accept a street leading from Franklin Street northerly, now known as Prospect Avenue, as laid out by the selectmen.

*Voted*, That the report of the selectmen be accepted, and that the street be called Sargent Street.

ART. 39. To see if the town will accept a street leading from Main Street westerly, now known as Highland Avenue, as laid out by the selectmen.

*Voted*, That the report of the selectmen be accepted, and that the street be called Highland Street.

ART. 40. To see if the town will accept a street leading

from Main Street westerly, now known as Briggs Avenue, as laid out by the selectmen.

*Voted*, To accept the street, and that it be called Briggs Street.

ART. 41. To see if the town will accept a street leading from Briggs Avenue northerly, now known as Spring Avenue, as laid out by the selectmen.

*Voted*, To accept the street, and that it be called Spring Street.

ART. 42. To see if the town will accept a street leading westerly from Main Street to Spring Avenue, now known as Morgan Avenue, as laid out by the selectmen.

*Voted*, To accept the street, and that it be called Morgan Street.

ART. 45. To see what action the town will take to remedy the evil caused by the stagnant water called Dix's Pond; whether they will take the same with or without other adjacent land and fill the said pond, for the purpose of public use in connection with the Town Hall lot, or what other action shall be taken in the matter.

*Voted*, To indefinitely postpone.

ART. 46. To see what action the town will take to establish telephonic or electrical communication between the outlying districts and the centre for fire and police service.

*Voted*, To indefinitely postpone.

ART. 47. To see if the town will accept the provisions of Chap. 186 of the Acts of the year 1877, in relation to the election of the overseers of the poor, on petition of W. E. Barrett and others.

*Voted*, To indefinitely postpone.

ART. 48. To hear and act on the reports of committees, and for the transaction of any other business which may legally come before this meeting.

*Voted*, That the assessors be instructed to prepare an itemized list of all real estate liable to taxation in the town, giving location of same, the assessed valuation, to whom

assessed, and the amount of taxes paid thereon, to be published previous to Oct. 1, 1887, in a similar manner as the assessed valuations for the town of Stoneham were published for the year 1886; that the sum of three hundred dollars be raised and appropriated for printing and expense of publishing the same.

Report of the Committee on the Building of the Vinton Street Schoolhouse read and accepted.

Report of the selectmen on guide-boards read and accepted.

*Voted*, That a committee be appointed to take into consideration the matter of amending or altering the By-Laws of the town, and that they be requested to report at the November meeting.

Committee appointed: F. S. Hesseltine, W. L. Williams, John Larrabee.

*Voted*, To adjourn, *sine die*.

Meeting, April 27, 1887, 7.30 P. M.

ARTICLE I. To chose a moderator.

Chose Levi S. Gould (unanimous vote).

ART. 2. To see if the town will accept the provisions of Chap. 126 of the Acts of the year 1887, entitled An Act to authorize the Town of Melrose to make an additional Water Loan, and authorize the issue of the bonds contemplated in the Act, designate their denomination, length of time and interest thereon, and pass any other vote or votes necessary to carry out the will of the town.

*Voted*, unanimously, That we hereby accept the Act entitled An Act to authorize the Town of Melrose to make an additional Water Loan, same being Chap. 126 of the Acts of the year 1887, and we hereby authorize and direct the issue of fifty bonds, each of the denomination of one thousand dollars, bearing on the face the words, "Melrose Water Loan Act of 1887," payable in twenty years from the date of issue, bearing interest payable semi-annually at four per cent per annum; and the treasurer is hereby authorized and directed

to sign said bonds, and the Board of Water Commissioners are hereby authorized and directed to countersign the same; and the treasurer is also authorized, for the purpose of paying the cost of construction of the water works for the years 1886 and 1887, and for the payment of the cost of building a house for the engineer at the pumping station, as authorized by vote of the town at meeting held April 9, 1887, from time to time to sell and dispose of not exceeding twenty of the bonds before mentioned at public or private sale, on such terms and conditions as he may deem proper, the proceeds to be applied as before stated.

ART. 3. To see what further action the town will take in relation to the purchase of land for cemetery purposes.

*Voted*, That the vote passed at meeting held April 9, 1887, whereby the town treasurer was authorized to issue a note of the town to Charles Pratt, or his executors or administrators, is hereby amended so that the said note may bear interest at a rate not exceeding six and one half per cent per annum, payable semi-annually.

ART. 4. To see if the town will construct a drain through Essex Street, in accordance with drawings made by W. C. Stevens, surveyor, and appropriate money for the same.

*Voted*, That the selectmen be authorized to take such action as to them seems best, and that the treasurer be authorized to borrow a sum not exceeding twelve hundred dollars for the purpose of constructing a drain which will take the water from Essex Street (if in the judgment of the selectmen it can be advantageously done), and that the selectmen be instructed not to allow any further drainage to be directed into Dix's Pond, and to take any steps within their authority to limit the present drainage into that pond.

ART. 5. To hear and act upon the reports of committees, and for the transaction of any business which may legally come before this meeting.

*Voted*, That the unexpended balances from last year, and all other unappropriated funds in the hands of the treasurer, be



carried into the treasury and applied to the reduction of the town debt.

C. F. Loring, Esq., appointed on the Committee on By-Laws in place of F. S. Hesseltine, Esq., resigned.

*Voted*, To adjourn.

Meeting, Nov. 8, 1887, 7 A. M.

ARTICLE I. To bring in their votes to the selectmen for State and county officers.

Polls opened at 7 A. M. At 8 A. M., *Voted*, To take up

ART. 2. To choose a moderator to preside for the transaction of town business.

Chose Levi S. Gould.

*Voted*, That the polls be kept open until 4.30 P. M.

*Voted*, That the further transaction of town business be postponed to Saturday evening, Nov. 12, at 7.30 o'clock.

Victor C. Kirmes and George R. Jones appointed to check the lists, and duly sworn.

Result of the voting under Article 1, as declared. Total number of ballots cast, 962.

*For Governor.*

|                                          | VOTES. |
|------------------------------------------|--------|
| Oliver Ames, of Easton . . . . .         | 614    |
| Henry B. Lovering, of Lynn . . . . .     | 306    |
| William H. Earle, of Worcester . . . . . | 39     |
| Blanks . . . . .                         | 3      |

*For Lieutenant-Governor.*

|                                             |     |
|---------------------------------------------|-----|
| John Q. A. Brackett, of Arlington . . . . . | 623 |
| Walter Cutting, of Pittsfield . . . . .     | 302 |
| John Blackmer, of Springfield . . . . .     | 35  |
| Blanks . . . . .                            | 2   |

*For Secretary of the Commonwealth.*

|                                        |     |
|----------------------------------------|-----|
| Henry B. Peirce, of Abington . . . . . | 623 |
| John F. Murphy, of Lowell . . . . .    | 294 |

|                                        |    |
|----------------------------------------|----|
| Amos E. Hall, of Chelsea . . . . .     | 36 |
| Henry W. Pierce, of Abington . . . . . | 1  |
| Blanks . . . . .                       | 8  |

*For Treasurer and Receiver-General.*

|                                         |     |
|-----------------------------------------|-----|
| Alanson W. Beard, of Boston . . . . .   | 620 |
| Henry C. Thacher, of Yarmouth . . . . . | 304 |
| John L. Kilbon, of Lee . . . . .        | 36  |
| Blanks . . . . .                        | 2   |

*For Auditor.*

|                                           |     |
|-------------------------------------------|-----|
| Charles R. Ladd, of Springfield . . . . . | 623 |
| William F. Cook, of Springfield . . . . . | 303 |
| Edmund M. Stowe, of Hudson . . . . .      | 36  |

*For Attorney-General.*

|                                             |     |
|---------------------------------------------|-----|
| Andrew J. Waterman, of Pittsfield . . . . . | 623 |
| John W. Corcoran, of Clinton . . . . .      | 300 |
| Allen Coffin, of Nantucket . . . . .        | 36  |
| Blanks . . . . .                            | 3   |

*For Councillor, Sixth District.*

|                                         |     |
|-----------------------------------------|-----|
| Francis Jewett, of Lowell . . . . .     | 622 |
| Lewis P. True, of Everett . . . . .     | 303 |
| Claudius P. Travis, of Natick . . . . . | 35  |
| Blanks . . . . .                        | 2   |

*For Senator, Sixth Middlesex District.*

|                                         |     |
|-----------------------------------------|-----|
| John K. C. Sleeper, of Malden . . . . . | 622 |
| Benjamin F. Dutton, of Malden . . . . . | 299 |
| Ammi Cutter, of Stoneham . . . . .      | 36  |
| Blanks . . . . .                        | 5   |

*For County Commissioner.*

|                                         |     |
|-----------------------------------------|-----|
| J. Henry Read, of Westford . . . . .    | 623 |
| James Skinner, of Woburn . . . . .      | 303 |
| Joseph W. Barber, of Sherborn . . . . . | 35  |
| Blanks . . . . .                        | 1   |



*For Representative to the General Court, Eleventh Middlesex District.*

|                                             | VOTES. |
|---------------------------------------------|--------|
| William E. Barrett, of Melrose . . . . .    | 649    |
| William A. Waterhouse, of Melrose . . . . . | 295    |
| John Larrabee . . . . .                     | 1      |
| Gilbert N. Harris . . . . .                 | 1      |
| Blanks . . . . .                            | 16     |

The ballot box registered as follows : 9.20 A. M. 500 ; 11.20 A. M. 600 ; 1.55 P. M. 801 ; 3.35 P. M. 901 ; 4.15 P. M. 952 ; 4.30 P. M. 962. Names checked on lists and ballots cast, 962.

*Voted, To adjourn.*

Adjourned Meeting, Nov. 12, 1887, 7.30 P. M.

ARTICLE 3. To see if the town will accept the jury list as revised.

*Voted, To accept the jury list as revised.*

ART. 4. To see if the town will authorize the treasurer to pay necessary expenses which may be incurred from Jan. 1 to April 1, 1888, in anticipation of the annual appropriations for 1888.

*Voted, That the treasurer be authorized to pay all necessary expenses which may be incurred from Jan. 1 to April 1, 1888, in anticipation of the annual appropriations for the year.*

ART. 5. To see what action the town will take in relation to the boundary line between Malden and Melrose, that the said line may be accurately defined and proper bounds established, on petition of the assessors and others.

*Voted, That the selectmen be given full power to act in the premises, to confer with the authorities of the city of Malden, that the line may be accurately defined and bounds established, and that the treasurer be authorized to borrow one hundred dollars for the purpose of paying expenses which may be incurred.*

ART. 6. To see if the town will accept the provisions of Chap. 154 of the Acts of 1882, authorizing towns and cities

to lay out public parks within their limits, on petition of Joseph D. Wilde, N. P. Jones, and one hundred and three others.

Vote taken by ballot, the check lists being used ; form of ballot : " Shall an act passed by the Legislature of the Commonwealth in the year 1882, entitled ' An act authorizing towns and cities to lay out public parks within their limits,' be accepted. ' Yes ' or ' No. ' "

Total number of ballots cast, eighty. " Yes," seventy-three votes ; " No," seven votes.

ART. 7. To see if the town will elect three Park Commissioners, in conformity with Chap. 154, Acts of 1882, on petition of Joseph D. Wilde, N. P. Jones, and one hundred and three others.

*Voted*, That three Park Commissioners be elected, to serve as provided for in Chap. 154, Acts of 1882.

The polls were opened, the vote taken by ballot, the check lists being used, and the following persons were declared elected : —

For one year from March 5, 1888, John W. Farwell.

For two years from March 5, 1888, William N. Folsom.

For three years from March 5, 1888, Nathaniel P. Jones.

ART. 8. To see if the town will authorize the treasurer to receive from persons holding, occupying, or interested in lots in Wyoming and Main Street cemeteries, sums of money, upon which interest shall be paid and devoted to the payment for the care of lots in said cemeteries as provided by Chap. 82, Sect. 17, Public Statutes.

*Voted*, That the treasurer be authorized to receive from persons holding, occupying, or interested in lots in the Wyoming and Main Street cemeteries, sums of money which may be paid him from bequests or otherwise, the interest upon which shall be devoted to the payment for care of lots in said cemeteries, in accordance with the provisions of Chap. 82, Sect. 17, Public Statutes.

Unanimous vote.

ART. 9. To see if the town will remove from Second

Street a ledge of stone which lies at the easterly end thereof, opposite "Melrose Common," and appropriate money for the same, on petition of Henry Osborne and others.

*Voted*, That the treasurer be authorized to borrow the sum of five hundred dollars, for the purpose of removing a ledge from Second Street and for repairs upon said street, to be performed under the direction of the selectmen.

ART. 10. To see if the town will accept a widening of Berwick and Grove Streets at their junction, the same being over land of Timothy Corey, and authorize the treasurer to pay damages as awarded by the selectmen.

*Voted*, To accept the widening, and that the treasurer be authorized to pay damages as awarded, viz., the sum of one hundred and six dollars and twenty-five cents to Timothy Corey, and that he be also authorized to borrow said amount.

ART. 11. To see if the town will accept a street running westerly from Poplar Street, now called Pine Street, as laid out by the selectmen.

*Voted*, To accept the street as laid out.

ART. 12. To see if the town will accept a street running northerly from Porter Street to Green Street, as laid out by the selectmen.

*Voted*, To accept the street as laid out, to be hereafter known as an extension of Rowe Street.

ART. 13. To see if the town will provide for the drainage of the surface water from Summer Street, at its junction with Lynde Street, and appropriate money for the same, on petition of James Rendall and others.

*Voted*, That the matter be referred to the selectmen, to take such action as deemed necessary, and that the treasurer be authorized to borrow the sum of three hundred dollars for the purposes named.

ART. 14. To hear and act upon the reports of committees, and for the transaction of any other business which may legally come before the meeting.

*Voted*, That Royal P. Barry, Sidney H. Buttrick, Daniel

Norton, Moses Briggs, John W. Farwell, Nathan D. Blake, Seth E. Benson, George W. Farnsworth, and John Singer, Jr., be a committee to investigate and report the amounts necessary to be raised and appropriated at next annual meeting.

*Voted, To adjourn sine die.*

Notice of the acceptance by the town of the act relating to public parks was sent to the Secretary of the Commonwealth as required by law, and the following certificate was received: —

COMMONWEALTH OF MASSACHUSETTS,  
SECRETARY'S DEPARTMENT,  
BOSTON, Nov. 28, 1887.

I hereby certify that it appears by a return made to this department by the selectmen and town clerk of the town of Melrose, that chapter one hundred and fifty-four of the Legislative Acts of the year eighteen hundred and eighty-two, entitled "An Act authorizing towns and cities to lay out public parks within their limits," was on the twelfth day of November current, at a meeting called for that purpose, duly accepted by said town.

In testimony of which, I have hereunto affixed the seal of the Commonwealth on the day of the date first above written.

[SEAL]

HENRY B. PEIRCE,  
*Secretary of the Commonwealth.*

## APPROPRIATIONS, 1887.

## March 7.

|                                                                                          |           |
|------------------------------------------------------------------------------------------|-----------|
| Maple Street sidewalk . . . . .                                                          | \$300 00  |
| Schools, support of . . . . .                                                            | 20,000 00 |
| School contingent expenses . . . . .                                                     | 4,500 00  |
| Highways (\$1,000 to be expended on Wash-<br>ington Street, \$150 for clearing rubbish), | 6,500 00  |
| Sidewalks (\$500 for repairing existing<br>walks) . . . . .                              | 2,000 00  |
| Crossings and gutters . . . . .                                                          | 600 00    |
| Poor, support of . . . . .                                                               | 4,500 00  |
| Fire Department . . . . .                                                                | 2,100 00  |
| Police and watchmen . . . . .                                                            | 1,800 00  |
| Contingent expenses . . . . .                                                            | 1,200 00  |
| Interest . . . . .                                                                       | 5,500 00  |
| Reduction of debt . . . . .                                                              | 5,000 00  |
| Public Library, Dog Tax and . . . . .                                                    | 750 00    |
| Water, use of . . . . .                                                                  | 2,000 00  |
| Salaries . . . . .                                                                       | 2,800 00  |
| Drainage, bridges and culverts . . . . .                                                 | 700 00    |

## April 4.

|                                       |          |
|---------------------------------------|----------|
| Deficiencies (1886) . . . . .         | 4,850 50 |
| Town Hall, running expenses . . . . . | 500 00   |
| Military Aid (1887) . . . . .         | 300 00   |
| Street lights . . . . .               | 3,500 00 |

## April 9.

|                                   |          |
|-----------------------------------|----------|
| Hose House at Wyoming . . . . .   | 1,200 00 |
| Additional street lamps . . . . . | 150 00   |

## April 13.

|                                                  |        |
|--------------------------------------------------|--------|
| Porter Street, building of . . . . .             | 300 00 |
| Main Street, sidewalk . . . . .                  | 500 00 |
| Memorial Day . . . . .                           | 200 00 |
| Meridian Street . . . . .                        | 300 00 |
| Valuation of assessors, publishing, etc. . . . . | 300 00 |

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\$72,350 50

Treasurer authorized to borrow :—

April 27.

Essex Street drain . . . . . \$1,200 00

Nov. 12.

Establishing boundary line . . . . . 100 00

Second Street, repairs, etc. . . . . 500 00

Land damages . . . . . 106 25

Summer Street drain . . . . . 300 00

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\$2,206 25

### STATISTICS OF BIRTHS, MARRIAGES, AND DEATHS FOR THE YEAR 1887.

|                     | Births.   | Marriages. | Deaths.  |
|---------------------|-----------|------------|----------|
| January . . . . .   | 10        | 3          | 7        |
| February . . . . .  | 17        | 4          | 7        |
| March . . . . .     | 12        | 5          | 8        |
| April . . . . .     | 8         | 8          | 8        |
| May . . . . .       | 21        | 2          | 12       |
| June . . . . .      | 15        | 3          | 8        |
| July . . . . .      | 15        | 8          | 9        |
| August . . . . .    | 11        | 2          | 10       |
| September . . . . . | 12        | 5          | 7        |
| October . . . . .   | 11        | 6          | 6        |
| November . . . . .  | 14        | 14         | 6        |
| December . . . . .  | 9         | 8          | 8        |
|                     | <hr/> 155 | <hr/> 68   | <hr/> 96 |

#### BIRTHS.

|                               |           |
|-------------------------------|-----------|
| Number registered . . . . .   | 155       |
| Less than last year . . . . . | 13        |
| Males . . . . .               | 82        |
| Females . . . . .             | 73        |
|                               | <hr/> 155 |

Of the above number, 148 were born in Melrose and 7 were born in other places.



|                                                 |       |     |
|-------------------------------------------------|-------|-----|
| Born of American parents . . . . .              | 80    |     |
| of foreign parents . . . . .                    | 44    |     |
| of American father and foreign mother . . . . . | 23    |     |
| of foreign father and American mother . . . . . | 8     |     |
|                                                 | <hr/> | 155 |

## INTENTIONS OF MARRIAGES RECORDED.

|                                             |       |    |
|---------------------------------------------|-------|----|
| Whole number of couples . . . . .           | 63    |    |
| Both parties residing in Melrose . . . . .  | 34    |    |
| But one party residing in Melrose . . . . . | 29    |    |
|                                             | <hr/> | 63 |

## MARRIAGES.

|                                        |       |    |
|----------------------------------------|-------|----|
| Whole number . . . . .                 | 68    |    |
| Less than last year . . . . .          | 10    |    |
| Both parties American . . . . .        | 38    |    |
| Both parties foreign . . . . .         | 14    |    |
| Parties American and foreign . . . . . | 16    |    |
|                                        | <hr/> | 68 |

|                                      |     |
|--------------------------------------|-----|
| First marriage of persons . . . . .  | 127 |
| Second marriage of persons . . . . . | 8   |
| Third marriage of persons . . . . .  | 1   |

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136 — 68 couples.

## DEATHS.

|                                   |       |    |
|-----------------------------------|-------|----|
| Whole number registered . . . . . | 96    |    |
| Less than last year . . . . .     | 4     |    |
| Had residence elsewhere . . . . . | 5     |    |
| Males (married) . . . . .         | 14    |    |
| Females (married) . . . . .       | 20    |    |
| Widows . . . . .                  | 12    |    |
| Widowers . . . . .                | 3     |    |
| Males (single) . . . . .          | 7     |    |
| Females (single) . . . . .        | 3     |    |
| Male children . . . . .           | 24    |    |
| Female children . . . . .         | 13    |    |
|                                   | <hr/> | 96 |



|                                                     |      |
|-----------------------------------------------------|------|
| Under one year (still-born or premature birth, 14), | 29   |
| From 1 to 5 . . . . .                               | 4    |
| 5 " 10 . . . . .                                    | 3    |
| 10 " 20 . . . . .                                   | 4    |
| 20 " 30 . . . . .                                   | 7    |
| 30 " 40 . . . . .                                   | 4    |
| 40 " 50 . . . . .                                   | 8    |
| 50 " 60 . . . . .                                   | 6    |
| 60 " 70 . . . . .                                   | 11   |
| 70 " 80 . . . . .                                   | 10   |
| 80 " 90 . . . . .                                   | 9    |
| Over 90 . . . . .                                   | 1    |
|                                                     | — 96 |

Oldest person, Mrs. Nancy Emerson; age, 97 years, 9 months, and two days.

## REGISTRATION OF VOTERS, 1887.

### *Males.*

|                                                                              |             |
|------------------------------------------------------------------------------|-------------|
| Total number on register, 1886 . . . . .                                     | 1,169       |
| Added previous to March meeting . . . . .                                    | 21          |
|                                                                              | <hr/> 1,190 |
| Erased in October (deaths, removals, and for non-payment of taxes) . . . . . | 121         |
|                                                                              | <hr/> 1,069 |
| Added previous to November meeting . . . . .                                 | 186         |
|                                                                              | <hr/> 1,255 |
| Deceased . . . . .                                                           | 3           |
|                                                                              | <hr/> 1,252 |
| Total . . . . .                                                              | 1,252       |

*Fema*

|                                                                           |    |    |
|---------------------------------------------------------------------------|----|----|
| Total number on register, 1886 (entitled to vote<br>for school committee) |    | 66 |
| Erased, — removals . . . . .                                              | 5  |    |
| deceased . . . . .                                                        | 1  |    |
| Non-payment of taxes . . . . .                                            | 33 |    |
|                                                                           | —  | 39 |
| Total . . . . .                                                           |    | 27 |

## JURORS DRAWN DURING THE YEAR.

|          |                     |
|----------|---------------------|
| Feb. 14. | Dexter Pratt.       |
|          | William Boynton.    |
|          | Curtis S. Gordon.   |
| Mar. 7.  | Samuel H. Nowell.   |
|          | George H. Ricker.   |
| May 31.  | Horace S. Ingalls.  |
|          | George W. Dew.      |
| June 11. | Charles H. Fuller.  |
|          | Frank T. Palmer.    |
| Oct. 11. | Charles C. Temple.  |
|          | William S. Collier. |
| Dec. 1.  | George Fenn.        |
|          | Benjamin R. Upham.  |
|          | Charles W. Ellison. |

## MILITARY LIST.

Number of persons liable to do military duty, 1,429.

## DOG LICENSES.

Total number issued, 453 ; for males, 394, females, 58,  
breeders' license (\$25), 1.

|                                          |            |
|------------------------------------------|------------|
| Paid to county treasurer, May 28 . . . . | \$580 20   |
| “ “ “ “ Nov. 10 . . . .                  | 432 20     |
|                                          | <hr/>      |
|                                          | \$1,012 40 |

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## ORDERS.

Number of orders drawn on town treasurer, 2,625, for the  
sum of \$81,201.49.

Respectfully submitted,

JOHN LARRABEE,  
*Town Clerk.*

## FINANCIAL STATEMENT.

### SUPPORT OF SCHOOLS.

#### TEACHERS' SALARIES.

|                                                                  |                    |
|------------------------------------------------------------------|--------------------|
| Alonzo G. Whitman, High, Principal . . .                         | \$1,700 00.        |
| Clarimond Mansfield, High, Assistant . . .                       | 625 00.            |
| Hattie G. Ricker, " " . . .                                      | 580 00             |
| A. A. Ballou, " " . . .                                          | 245 00             |
| Clara I. Blanchard, High . . . . .                               | 60 00.             |
| Mary L. Charles, High . . . . .                                  | 20 00.             |
| Harriet C. Fairbanks, Eighth Grade, Principal . .                | 900 00             |
| Nellie H. Rogers, Eighth Grade, Assistant . .                    | 500 00             |
| Lucy W. Bisbee, Seventh Grade, Emerson St. . .                   | 550 00.            |
| Alice Maud Swett, " " " " . . .                                  | 550 00             |
| Susan D. Melcher, Sixth Grade, Centre . . .                      | 550 00             |
| Helen J. Barrett, Sixth Grade, Grove St. . .                     | 550 00             |
| Lydia Mendum, Sixth and Seventh Grades,<br>Franklin St. . . . .  | 550 00.            |
| Mary J. George, Fifth Grade, Centre . . .                        | 500 00.            |
| Kate W. Bascom, Fifth Grade, Grove St. . .                       | 500 00.            |
| Belle Mitchell, Fourth and Fifth Grades, Frank-<br>lin . . . . . | 500 00.            |
| Alma J. Guptill, Third and Fourth Grades, Grove<br>St. . . . .   | 475 00             |
| Alice H. Long, Third and Fourth Grades, Vin-<br>ton St. . . . .  | 500 00.            |
| <i>Amount carried forward . . . . .</i>                          | <u>\$9,855 00.</u> |

|                                                                            |             |
|----------------------------------------------------------------------------|-------------|
| <i>Amount brought forward</i> . . . . .                                    | \$9,855 00  |
| Lillie J. Davis, Third and Fourth Grades, Centre,                          | 450 00      |
| Effie C. Sweetser, Third and Fourth Grades,<br>Lynde St. . . . .           | 450 00      |
| Mary A. Plummer, Second and Third Grades,<br>Franklin St. . . . .          | 450 00      |
| Emma L. Randlett, First Grade, Franklin St.,                               | 500 00      |
| Ella M. Donkin, First and Second Grades, Centre . . . . .                  | 500 00      |
| Florence M. Peery, Assistant, First and Second<br>Grades, Centre . . . . . | 50 00       |
| Lucy F. Dermot, Second Grade, Vinton St. . . . .                           | 500 00      |
| Mary I. Hersey, First and Second Grades, Grove<br>St. . . . .              | 500 00      |
| Mary E. Nye, First and Second Grades, Lynde<br>St. . . . .                 | 450 00      |
| Emma Weeks, Third and Fourth Grades, Fells . . . . .                       | 180 00      |
| Annie M. Ransom, First Grade, Vinton St. . . . .                           | 420 00      |
| Gertrude Smith, First and Second Grades, Fells,                            | 420 00      |
| Hannah J. Gibbons, Third and Fourth Grades,<br>Fells . . . . .             | 270 00      |
| Anna B. Chadbourne, mixed school, Upham St.,                               | 450 00      |
| Marion H. Morgan, mixed school, Swain's Pond<br>District . . . . .         | 450 00      |
| Harry Benson, music . . . . .                                              | 350 00      |
| Wallace Bryant, drawing . . . . .                                          | 180 00      |
|                                                                            | <hr/>       |
|                                                                            | \$16,425 00 |

## JANITORS' SALARIES.

|                                                             |            |
|-------------------------------------------------------------|------------|
| F. M. McLaughlin (High School building), one year . . . . . | \$324 00   |
| Charles T. Stevens (Centre), nine months . . . . .          | 131 22     |
| Henry Sargent (Centre), one month . . . . .                 | 14 58      |
| John W. Davis (Centre), two months . . . . .                | 29 16      |
| Charles H. Fuller (Franklin), one year . . . . .            | 174 96     |
| James A. Lambert (Grove Street), one year . . . . .         | 174 96     |
| Anthony A. Rich (Vinton Street), one year . . . . .         | 174 96     |
| “ “ “ extra labor . . . . .                                 | 7 29       |
| Joseph S. Emerson (Fells), one year . . . . .               | 99 96      |
| William F. Serrat (Lynde Street), one year . . . . .        | 99 96      |
| Eri Upham (Upham Street), one year . . . . .                | 60 00      |
| John Davis (Swain's Pond Avenue), one year . . . . .        | 60 00      |
|                                                             | <hr/>      |
|                                                             | \$1,351 05 |

## SCHOOL COMMITTEE'S SALARIES.

|                                  | 1886.   | 1887.    |
|----------------------------------|---------|----------|
| Thomas W. Ripley . . . . .       | \$75 00 |          |
| John O. Norris . . . . .         |         | \$75 00  |
| S. R. Winchell . . . . .         | 50 00   | 25 00    |
| C. F. Loring . . . . .           | 50 00   | 50 00    |
| Mrs. S. W. Bradbury . . . . .    | 50 00   | 50 00    |
| “ A. B. P. Waterhouse, . . . . . | 50 00   | 50 00    |
| “ A. K. Miller . . . . .         | 50 00   | 50 00    |
|                                  | <hr/>   | <hr/>    |
|                                  |         | \$625 00 |

## SCHOOL SUPPLIES.

|                                               |          |
|-----------------------------------------------|----------|
| Mrs. A. K. Miller, disbursing agent . . . . . | \$125 04 |
|-----------------------------------------------|----------|

## FUEL.

|                                         |            |
|-----------------------------------------|------------|
| Seth E. Benson, wood and coal . . . . . | \$655 61   |
| M. F. Eastman, “ “ “ . . . . .          | 652 36     |
| John McCarty, charcoal . . . . .        | 4 50       |
|                                         | <hr/>      |
|                                         | \$1,312 47 |

## RECAPITULATION.

|                                |             |
|--------------------------------|-------------|
| Teachers' salaries . . . . .   | \$16,425 00 |
| Janitors' " . . . . .          | 1,351 05    |
| Committee's " . . . . .        | 625 00      |
| Supply agent, salary . . . . . | 125 04      |
| Fuel . . . . .                 | 1,312 47    |
|                                | <hr/>       |
|                                | \$19,838 56 |

## CONTRA.

|                                                          |             |
|----------------------------------------------------------|-------------|
| Appropriation . . . . .                                  | \$20,000 00 |
| Received from Commonwealth of<br>Massachusetts . . . . . | 76 21       |
|                                                          | <hr/>       |
|                                                          | \$20,076 21 |
| Balance unexpended . . . . .                             | 237 65      |
|                                                          | <hr/>       |
|                                                          | \$20,076 21 |

## WYOMING CEMETERY.

## RECEIPTS—1887.

|                                            |          |
|--------------------------------------------|----------|
| For care of lots . . . . .                 | \$440 12 |
| Labor and material furnished . . . . .     | 342 20   |
| Interments . . . . .                       | 113 00   |
| Wood sold . . . . .                        | 5 00     |
| Grass and pasturage, Pratt farm, . . . . . | 33 50    |
|                                            | <hr/>    |
|                                            | \$933 82 |

*For Lots Sold.*

|                                          |                   |
|------------------------------------------|-------------------|
| 4 at \$75 each . . . . .                 | \$300 00          |
| 1 at \$65 . . . . .                      | 65 00             |
| 7 at \$100 each . . . . .                | 700 00            |
| 1 at \$150 . . . . .                     | 150 00            |
| 2 half lots at \$30 each . . . . .       | 60 00             |
| 2 " " " \$35 each . . . . .              | 70 00             |
|                                          | <hr/>             |
| <i>Amounts carried forward . . . . .</i> | <i>\$1,345 00</i> |
|                                          | <hr/>             |
|                                          | \$933 82          |



# FINANCIAL STATEMENT.

49

|                                |            |            |
|--------------------------------|------------|------------|
| <i>Amounts brought forward</i> | \$1,345 00 | \$933 82   |
| 1 half lot at \$37             | 37 00      |            |
| 1 " " " \$40                   | 40 00      |            |
| 1 " " " \$90                   | 90 00      |            |
| On account of lots sold        | 455 00     |            |
|                                | <hr/>      | <hr/>      |
|                                |            | 1,967 00   |
|                                |            | <hr/>      |
|                                |            | \$2,900 82 |

## EXPENDED, 1887.

|                                                                     |            |
|---------------------------------------------------------------------|------------|
| Thomas Marshall, superintendent, 6 months                           | \$300 00   |
| " " dressing, etc., furnished                                       | 12 00      |
| " " extra labor, 68 days                                            | 136 00     |
| A. C. Goss, team, 51 days, at \$1.50                                | 76 50      |
| F. R. Upham, teaming                                                | 2 00       |
| " " man, 12½ days, at \$1.76                                        | 21 56      |
| " " team, 12½ days, at \$1.50                                       | 18 38      |
| Daniel Dowd, labor, 201¼ days, at \$1.76                            | 355 08     |
| George Goodwin, labor, 84½ days, at \$1.76                          | 148 28     |
| James Kimball, labor, laying bricks                                 | 3 00       |
| Thomas Cassell, labor, 52 days, at \$1.76                           | 91 52      |
| James Cassell, labor, 96½ days, at \$1.76                           | 169 40     |
| James Marshall, team, 12 days, at \$1.50                            | 18 00      |
| " " man, 12 days, at \$1.76                                         | 21 12      |
| Geo. W. Grover, labor, 10¼ days, at \$1.76                          | 17 84      |
| E. B. Edmester, 1,500 bricks                                        | 13 75      |
| D. Washburn Sons, 600 bricks                                        | 5 40       |
| A. W. Mitchell, rubber stamp                                        | 2 50       |
| Philip H. Butler & Co., slate                                       | 51 25      |
| Joseph Edwards, repairing bier                                      | 1 50       |
| S. M. Warner, lawn mower                                            | 8 08       |
| Eastman's Express                                                   | 2 25       |
| W. A. Burrell, wheelbarrow and tools                                | 5 65       |
| W. C. Stevens, survey and plan, Pratt farm                          | 80 00      |
| " " surveying lots                                                  | 11 50      |
| Brackett & Roberts, examination title Pratt farm and recording deed | 25 75      |
|                                                                     | <hr/>      |
| <i>Amount carried forward</i>                                       | \$1,598 31 |

|                                                                 |             |
|-----------------------------------------------------------------|-------------|
| <i>Amount brought forward.</i>                                  | \$1,598 31  |
| W. L. Williams, printing bill-heads                             | 5 00        |
| W. L. Williams, postmaster, stamps                              | 2 00        |
| S. E. Benson, cement                                            | 2 10        |
| Perry Brothers, tape measure                                    | 60          |
| Bugbee & Barrett, sundries                                      | 6 90        |
| T. C. Fielding, plants                                          | 25 00       |
| G. W. Farnsworth, insurance Pratt dwelling                      | 10 00       |
| M. F. Eastman, cement                                           | 10 05       |
| Thos. McCoubry, sharpening tools                                | 3 75        |
| Sylvanus Upham, 1,180 feet sods                                 | 11 80       |
| Joseph McIntire, record books and deeds                         | 37 00       |
| George Newhall, services                                        | 25 00       |
| John Larrabee, services                                         | 25 00       |
|                                                                 | <hr/>       |
|                                                                 | \$1,762 51  |
| Interest on note to Charles Pratt                               | 325 00      |
|                                                                 | <hr/>       |
|                                                                 | \$2,087 51  |
| Surplus for year                                                | 813 31      |
|                                                                 | <hr/>       |
|                                                                 | \$2,900 82  |
| Cost of land in 1856                                            | \$5,958 85  |
| Expended from 1856 to 1886                                      | 13,978 90   |
| “ 1886                                                          | 1,432 13    |
| “ 1887                                                          | 2,087. 51   |
| “ 1887, for purchase of Pratt farm (about<br>twenty-five acres) | 10,000 00   |
|                                                                 | <hr/>       |
|                                                                 | \$33,457 39 |

## RECEIPTS.

|                       |             |
|-----------------------|-------------|
| From 1856 to 1886     | \$20,105 57 |
| During 1886           | 2,389 00    |
| “ 1887                | 2,900 82    |
|                       | <hr/>       |
|                       | \$25,395 39 |
| Due town for advances | 8,062 00    |
|                       | <hr/>       |
|                       | \$33,457 39 |

## SCHOOL CONTINGENT EXPENSES.

## EXPENDED.

*Books, Stationery, Supplies, etc.*

|                                         |         |
|-----------------------------------------|---------|
| Maynard & Noyes . . . . .               | \$30 00 |
| Geo. F. King & Merrill . . . . .        | 218 94  |
| Interstate Publishing Company . . . . . | 32 74   |
| Charles Scribner's Sons . . . . .       | 12 00   |
| Leach, Shewell & Sanborn . . . . .      | 25 55   |
| Adams & Ingraham . . . . .              | 40 16   |
| Prang Educational Company . . . . .     | 54 00   |
| Carl Schoenhof . . . . .                | 15 67   |
| Ginn & Co. . . . .                      | 58 35   |
| Boston School Supply Company . . . . .  | 15 00   |
| Pulsifer, Jordan & Pfaff . . . . .      | 170 90  |
| Thompson, Brown & Co. . . . .           | 66 39   |
| D. Appleton & Co. . . . .               | 132 45  |
| J. L. Hammett . . . . .                 | 34 72   |
| F. M. Ambrose . . . . .                 | 72 60   |
| Edw. E. Babb & Co. . . . .              | 62 15   |
| Willard Small . . . . .                 | 8 70    |
| Cowperthwait & Co. . . . .              | 22 17   |
| C. H. Whiting . . . . .                 | 23 60   |
| Silver, Rogers & Co. . . . .            | 24 00   |
| Educational Supply Company . . . . .    | 2 75    |
| J. W. Ripley . . . . .                  | 32 75   |
| Harrison Hume . . . . .                 | 26 00   |
| Harper Brothers . . . . .               | 20 02   |
| William Ware & Co. . . . .              | 55 00   |
| A. Lovell & Co. . . . .                 | 6 00    |
| George S. Perry . . . . .               | 189 54  |
| Clark & Maynard . . . . .               | 1 25    |
| D. C. Heath & Co. . . . .               | 10 50   |
| A. E. Wells . . . . .                   | 90 00   |

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*Amount carried forward . . . . .* \$1,553 90

|                                         |            |
|-----------------------------------------|------------|
| <i>Amount brought forward . . . . .</i> | \$1,553 90 |
| B. A. Fowler & Co. . . . .              | 35 00      |
| Meade, Dodge & Co. . . . .              | 23 10      |
| Estes & Lauriat . . . . .               | 17 00      |
| Damrell & Upham . . . . .               | 5 00       |
|                                         | <hr/>      |
|                                         | \$1,634 00 |

*General Repairs, Buildings, Etc.*

*(Carpenters, Masons, Painters, and others, Stock and Labor.)*

|                                                      |            |
|------------------------------------------------------|------------|
| William H. Stewart, carpenter . . . . .              | \$230 48   |
| E. N. Sargent, carpenter . . . . .                   | 45 45      |
| O. E. Drown, carpenter . . . . .                     | 55 62      |
| D. R. Woodward, carpenter . . . . .                  | 23 32      |
| John Hunnewill, carpenter . . . . .                  | 20 63      |
| Roger Hunnewill, carpenter . . . . .                 | 3 75       |
| James Rendall, carpenter . . . . .                   | 173 04     |
| J. P. Deering, lumber . . . . .                      | 24 53      |
| W. Emery & Co., windows . . . . .                    | 33 90      |
| A. Burrell, painting . . . . .                       | 170 50     |
| R. A. Reeder, painting . . . . .                     | 36 80      |
| Albon W. Parker, painting . . . . .                  | 138 30     |
| George W. Dew, painting . . . . .                    | 185 00     |
| W. A. Caswell, glazing . . . . .                     | 2 25       |
| J. C. Howes, repairs, stoves, furnaces, etc. . . . . | 214 73     |
| J. L. Holbrook, repairs, plumbing, etc. . . . .      | 137 02     |
| A. B. Franklin, steam fitting . . . . .              | 12 11      |
| A. W. Lynde, labor and teams . . . . .               | 216 52     |
|                                                      | <hr/>      |
|                                                      | \$1,723 95 |

*Furniture.*

|                                   |          |
|-----------------------------------|----------|
| A. G. Whitcomb, settees . . . . . | \$212 00 |
| J. H. Gately, shades . . . . .    | 15 00    |
|                                   | <hr/>    |
|                                   | \$227 00 |

*Printing.*

|                                   |         |
|-----------------------------------|---------|
| T. W. Ripley . . . . .            | \$39 52 |
| F. H. Gilson, music . . . . .     | 43 20   |
| W. L. Williams . . . . .          | 21 25   |
| J. H. Daniels, diplomas . . . . . | 25 50   |
| Babb & Stephens . . . . .         | 12 50   |
| Dunton & Potter . . . . .         | 11 00   |

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 \$152 97
*Sundries.*

|                                                      |        |
|------------------------------------------------------|--------|
| C. T. Stevens, truant officer . . . . .              | \$6 25 |
| C. T. Stevens, sundries . . . . .                    | 2 00   |
| F. M. McLaughlin, truant officer . . . . .           | 3 75   |
| J. W. Davis, services . . . . .                      | 9 60   |
| B. F. Perry & Co., hardware, etc. . . . .            | 30 06  |
| A. A. Rich, sundries . . . . .                       | 6 35   |
| A. E. Burton & Co., dusters . . . . .                | 5 00   |
| Walker & Pratt Manuf. Co., shovel, hod, etc. . . . . | 2 75   |
| Lemuel Merrill, keys . . . . .                       | 2 05   |
| L. W. Gilman, lantern and shovel . . . . .           | 1 34   |
| Mrs. S. W. Bradbury, clerical services . . . . .     | 25 00  |
| George Kidder, services . . . . .                    | 15     |
| Wallace Bryant, expense for material . . . . .       | 4 30   |
| John Larrabee, chemicals . . . . .                   | 1 80   |
| J. H. Draper, chemicals . . . . .                    | 3 25   |
| Eastman's Express, teaming, etc. . . . .             | 48 75  |
| Charles Valentine, services . . . . .                | 1 00   |
| D. M. White, tuning piano . . . . .                  | 2 50   |
| Jacob Lehmann, tuning piano . . . . .                | 2 00   |
| E. M. Donkin, filling out diplomas . . . . .         | 5 70   |
| G. P. Reed, repairing clocks . . . . .               | 10 20  |
| Thos. Ireland, repairing clocks . . . . .            | 11 50  |
| C. G. Harris, ribbons . . . . .                      | 7 75   |
| O. Lappen & Co., brooms and brushes . . . . .        | 46 00  |

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*Amount carried forward . . . . .* \$239 05

|                                   |   |   |   |   |          |
|-----------------------------------|---|---|---|---|----------|
| <i>Amount brought forward</i>     |   |   |   |   | \$239 05 |
| Harry Benson, expense             | . | . | . | . | 12 20    |
| W. C. Pierce, sundries            | . | . | . | . | 90       |
| Bugbee & Barrett, sundries        | . | . | . | . | 5 07     |
| S. P. Rowell, ruling slates       | . | . | . | . | 60       |
| A. E. Worthen, services           | . | . | . | . | 2 00     |
| Melrose Orchestral Club, services | . | . | . | . | 10 00    |
| C. H. Fuller, sundries            | . | . | . | . | 1 65     |
| L. T. Freeman, teaming            | . | . | . | . | 8 50     |
| W. W. Boardman, hacking           | . | . | . | . | 9 75     |
| Thos. Keating, hacking            | . | . | . | . | 2 00     |
| J. McCarthy's Sons, charcoal      | . | . | . | . | 28 75    |
| A. G. Whitman, expense            | . | . | . | . | 13 94    |
| J. O. Norris, expense             | . | . | . | . | 5 00     |
|                                   |   |   |   |   | <hr/>    |
|                                   |   |   |   |   | \$339 41 |

## RECAPITULATION.

|                                   |   |   |   |   |            |
|-----------------------------------|---|---|---|---|------------|
| Books, stationery, supplies, etc. | . | . | . | . | \$1,634 00 |
| General repairs                   | . | . | . | . | 1,723 95   |
| Furniture                         | . | . | . | . | 227 00     |
| Printing                          | . | . | . | . | 152 97     |
| Sundries                          | . | . | . | . | 339 41     |
|                                   |   |   |   |   | <hr/>      |
|                                   |   |   |   |   | \$4,077 33 |

## CONTRA.

|                                     |   |   |   |   |            |
|-------------------------------------|---|---|---|---|------------|
| Appropriation                       | . | . | . | . | \$4,500 00 |
| Received for books lost and damaged | . | . | . | . | 6 41       |
|                                     |   |   |   |   | <hr/>      |
|                                     |   |   |   |   | \$4,506 41 |
|                                     |   |   |   |   | <hr/>      |
| Balance unexpended                  | . | . | . | . | 429 08     |
|                                     |   |   |   |   | <hr/>      |
|                                     |   |   |   |   | \$4,506 41 |

## HIGHWAYS.

## EXPENDED.

*For Labor and Teams.*

| MONTHS.             | LABORERS,<br>AT \$1.76. |            | TEAMS,<br>AT \$1.50. |            | SUPERINTEND'NT,<br>AT \$2.50. |          | TOTALS.    |
|---------------------|-------------------------|------------|----------------------|------------|-------------------------------|----------|------------|
|                     | Days.                   | Amounts.   | Days.                | Amounts.   | Days.                         | Amounts. |            |
| January . . . . .   | 25½                     | \$45 32    | 16½                  | \$25 12    | 5½                            | \$13 75  | \$84 19    |
| February . . . . .  | 13½                     | 24 20      | 14½                  | 21 75      | 7                             | 17 50    | 63 45      |
| March . . . . .     | 197½                    | 348 04     | 86½                  | 129 37     | 21½                           | 53 75    | 531 16     |
| April . . . . .     | 611                     | 1,075 41   | 194½                 | 291 74     | 39½                           | 98 75    | 1,465 90   |
| May . . . . .       | 435½                    | 766 92     | 138½                 | 200 62     | 24½                           | 60 62    | 1,028 16   |
| June . . . . .      | 414½                    | 729 52     | 128½                 | 193 12     | 22                            | 55 00    | 977 64     |
| July . . . . .      | 277½                    | 488 40     | 80½                  | 121 12     | 16½                           | 40 62    | 650 14     |
| August . . . . .    | 257½                    | 453 62     | 76½                  | 115 13     | 7                             | 17 50    | 586 25     |
| September . . . . . | 386½                    | 679 80     | 108                  | 162 00     | 25½                           | 63 75    | 905 55     |
| October . . . . .   | 136                     | 239 36     | 37½                  | 56 25      | 8½                            | 21 87    | 317 48     |
| November . . . . .  | 196½                    | 345 84     | 57                   | 85 50      | 17                            | 42 50    | 473 84     |
| December . . . . .  | 29½                     | 51 92      | 6½                   | 9 75       | 8                             | 20 00    | 81 67      |
| Grand totals . .    | 2,982                   | \$5,248 35 | 941                  | \$1,411 47 | 202½                          | \$505 61 | \$7,165 43 |

*Gravel.*

## LOADS.

|                                  |                  |         |
|----------------------------------|------------------|---------|
| David A. Barrett . . . . .       | 106 at 10 cents, | \$10 60 |
| George F. Boardman . . . . .     | 246 " "          | 24 60   |
| J. P. Woodbury . . . . .         | 380 " "          | 38 00   |
| Orne Upham . . . . .             | 438 " "          | 43 80   |
| C. A. Brown . . . . .            | 250 " "          | 25 00   |
| D. W. Gooch . . . . .            | 250 " "          | 25 00   |
| James Marshall . . . . .         | 565 " "          | 56 50   |
| George W. Chipman . . . . .      | 1,822 at 6 " "   | 109 32  |
| Boston & Maine R. R. Co. . . . . | 741 at 5 " "     | 37 05   |
| Frank Gibbons . . . . .          | 654 " "          | 32 70   |
| Susan E. Eastman . . . . .       | 374 " "          | 18 70   |
| James Marshall . . . . .         | 483 " "          | 24 15   |

6,309

\$445 42

Walter B. Ellis, 366 loads of screened gravel,  
delivered, at 45 cents . . . . . 164 70

Robert Philpot, 354 loads of gravel, delivered, at  
35 cents . . . . . 123 90

\$734 02



*Sundries.*

|                                                  |          |          |
|--------------------------------------------------|----------|----------|
| Walter B. Ellis, labor, as per contract,         | \$173 25 |          |
| Setting fence, rolling streets, and              |          |          |
| drain pipe . . . . .                             | 21 98    |          |
| Building wall, Washington St. . . . .            | 35 00    |          |
|                                                  | <hr/>    | \$230 23 |
| Walter C. Stevens, surveying . . . . .           |          | 151 50   |
| J. P. Deering, lumber . . . . .                  |          | 21 09    |
| Ames Plow Co., two dozen shovels . . . . .       |          | 20 52    |
| Eastman's Express, drain pipe . . . . .          |          | 2 25     |
| S. E. Benson, sleepers . . . . .                 |          | 2 50     |
| T. R. Newhall, curbstone . . . . .               |          | 5 85     |
| Joseph Edwards, repairing snow ploughs . . . . . |          | 15 45    |
| J. C. Howes, drain pipe . . . . .                |          | 5 17     |
| Berry & Ferguson, 78 ft. 12-inch pipe . . . . .  |          | 36 47    |
| Robert Philpot, setting edgestone . . . . .      |          | 4 00     |
| A. W. Lynde, bridge stone and labor . . . . .    |          | 6 00     |
| George H. Sampson, forcite . . . . .             |          | 2 97     |
| Abner Moseley, grading . . . . .                 |          | 4 55     |
| E. L. Whittier, dredging brook . . . . .         |          | 8 00     |
| Bugbee & Barrett, sundries . . . . .             |          | 14 19    |
| W. A. Goodno, labor and material . . . . .       |          | 18 52    |
| Thos. McCoubry, sharpening tools . . . . .       |          | 19 50    |
| J. O. Chandler, sharpening tools . . . . .       |          | 28 90    |
| William Fanley, repairing fence . . . . .        |          | 4 50     |
| Thomas Harrison, grading and filling . . . . .   |          | 15 00    |
| Melrose Improvement Society, for labor,          |          |          |
| cleaning streets . . . . .                       | \$99 77  |          |
| For labor, trimming trees . . . . .              | 50 00    |          |
|                                                  | <hr/>    | 149 77   |
|                                                  |          | <hr/>    |
|                                                  |          | \$766 93 |

## RECAPITULATION.

|                                        |            |
|----------------------------------------|------------|
| Expended for superintendence . . . . . | \$505 61   |
| Teams . . . . .                        | 1,411 47   |
| Labor . . . . .                        | 5,248 35   |
| Gravel . . . . .                       | 734 02     |
| Sundries . . . . .                     | 766 93     |
|                                        | <hr/>      |
|                                        | \$8,666 38 |

## CONTRA.

|                                 |            |
|---------------------------------|------------|
| Appropriation . . . . .         | \$6,500 00 |
| Maple Street sidewalk . . . . . | 300 00     |
| Main Street sidewalk . . . . .  | 500 00     |
| Meridian Street . . . . .       | 300 00     |
| Porter Street . . . . .         | 300 00     |
|                                 | <hr/>      |
|                                 | \$7,900 00 |

|                                                                                                |            |
|------------------------------------------------------------------------------------------------|------------|
| Received from East Middlesex Street<br>R. R. Co. for labor and material<br>furnished . . . . . | 766 50     |
|                                                                                                | <hr/>      |
|                                                                                                | \$8,666 50 |

|                              |            |
|------------------------------|------------|
| Balance unexpended . . . . . | 12         |
|                              | <hr/>      |
|                              | \$8,666 50 |

## CROSSINGS AND GUTTERS.

|                         |          |
|-------------------------|----------|
| Appropriation . . . . . | \$600 00 |
|-------------------------|----------|

## EXPENDED.

|                                                                    |          |
|--------------------------------------------------------------------|----------|
| Walter B. Ellis, 16.1 yards top dressing, at 15<br>cents . . . . . | \$2 41   |
| 607.5 yards concrete crossings, at 34 cents . . . . .              | 206 42   |
| 1,150.8 yards concrete gutters, at 34 cents . . . . .              | 391 14   |
|                                                                    | <hr/>    |
|                                                                    | \$599 97 |
| Balance unexpended . . . . .                                       | 03       |
|                                                                    | <hr/>    |
|                                                                    | \$600 00 |

## DRAINAGE, BRIDGES, AND CULVERTS.

|                                                                                                                                                                                   |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Appropriation . . . . .                                                                                                                                                           | \$700 00 |
| Received from S. S. Houghton, William A. Smith, N. D. Blake, George H. Dearborn, and C. M. Leland, on account of drain in Wyoming Ave., Mt. Vernon and Chestnut Streets . . . . . | 195 49   |
|                                                                                                                                                                                   | <hr/>    |
|                                                                                                                                                                                   | \$895 49 |

## EXPENDED.

|                                                                                                                              |          |
|------------------------------------------------------------------------------------------------------------------------------|----------|
| Berry & Ferguson, 50 feet 18-inch pipe . . . . .                                                                             | \$46 75  |
| Berry & Ferguson, 600 feet 6-inch pipe, and 285 feet 10-inch pipe in Wyoming Ave., Mt. Vernon and Chestnut Streets . . . . . | 195 49   |
| William A. Burrell, 366 feet 6 and 8 inch pipe . . . . .                                                                     | 58 79    |
| T. R. Newhall, 78 feet bridge covers . . . . .                                                                               | 21 45    |
| H. W. Clapp & Co., catch basins . . . . .                                                                                    | 14 40    |
| Boston and Maine R. R., freight . . . . .                                                                                    | 77       |
| F. M. Holmes F. Co., 44 feet drain pipe and bends . . . . .                                                                  | 19 16    |
| J. P. Deering, lumber . . . . .                                                                                              | 1 36     |
| A. W. Lynde, labor, grates, pipe and catch-basins . . . . .                                                                  | 129 57   |
| Walter B. Ellis, 217.8 yards concrete, at 34 cents . . . . .                                                                 | 74 05    |
|                                                                                                                              | <hr/>    |
|                                                                                                                              | \$561 79 |

*For Labor and Teams.*

|                                               |         |
|-----------------------------------------------|---------|
| Superintendent, 13½ days, at \$2.50 . . . . . | \$33 75 |
| Teams, 28¼ days, at \$1.50 . . . . .          | 42 37   |
|                                               | <hr/>   |
| <i>Amount carried forward.</i> . . . .        | \$76 12 |

|                                             |        |          |
|---------------------------------------------|--------|----------|
| <i>Amount brought forward</i>               | 76 12  |          |
| Laborers, 146 $\frac{1}{4}$ days, at \$1.76 | 257 40 |          |
|                                             | <hr/>  | \$333 52 |
|                                             |        | \$895 31 |
| Balance unexpended                          |        | 18       |
|                                             |        | <hr/>    |
|                                             |        | \$895 49 |

## SIDEWALKS.

|                                                                                   |            |
|-----------------------------------------------------------------------------------|------------|
| Appropriation                                                                     | \$2,000 00 |
| Received for filling and grading walks for concreting, and for assessments levied | 319 34     |
|                                                                                   | <hr/>      |
|                                                                                   | \$2,319 34 |

## EXPENDED.

|                                                                     |            |
|---------------------------------------------------------------------|------------|
| Walter B. Ellis, for laying 996.5 yards concrete, at 34 cents       | \$338 81   |
| One half expense of laying 5,284.4 yards concrete, at 17 cents      | 898 34     |
| For top dressing 1,243.1 yards at 15 cents                          | 186 46     |
| One half expense of laying 320.18 yards concrete (1886) at 15 cents | 48 02      |
| Extra labor and repairs                                             | 23 28      |
|                                                                     | <hr/>      |
|                                                                     | \$1,494 91 |
| C. L. Hoffman, for laying 190.5 yards concrete, at 34 cents         | \$64 77    |
| For laying 15 yards concrete, at 32 cents                           | 4 80       |
| One half expense laying 69 yards concrete, at 16 cents              | 11 04      |
| Grading                                                             | 1 50       |
|                                                                     | <hr/>      |
|                                                                     | 82 11      |
| G. W. Chipman, setting edgestone                                    | 11 50      |
| W. C. Stevens, surveying                                            | 30 50      |
|                                                                     | <hr/>      |
| <i>Amount carried forward</i>                                       | \$1,619 02 |

*Amount brought forward* . . . . \$1,619 02

*For Labor and Teams.*

|                                                                    |         |            |
|--------------------------------------------------------------------|---------|------------|
| Superintendent, 24 $\frac{1}{4}$ days, at \$2.50 per day . . . . . | \$60 62 |            |
| Teams, 45 $\frac{1}{4}$ days, at \$1.50 per day . . . . .          | 67 87   |            |
| Laborers, 314 days, at \$1.76 per day . . . . .                    | 552 64  |            |
|                                                                    | <hr/>   | 681 13     |
|                                                                    |         | <hr/>      |
|                                                                    |         | \$2,300 15 |
| Balance unexpended . . . . .                                       |         | 19 19      |
|                                                                    |         | <hr/>      |
|                                                                    |         | \$2,319 34 |

SUPPORT OF POOR.

EXPENDED.

*For Groceries, Provisions, Supplies, etc.*

|                             |          |
|-----------------------------|----------|
| L. F. Hinckley . . . . .    | \$51 00  |
| Bugbee & Barrett . . . . .  | 142 10   |
| Lawrence Leonard . . . . .  | 156 00   |
| W. H. Wells . . . . .       | 33 00    |
| Frost & Hawes . . . . .     | 129 80   |
| L. W. Gilman . . . . .      | 30 00    |
| James Worthen . . . . .     | 279 23   |
| W. E. Gerry . . . . .       | 38 75    |
| A. M. Smith, milk . . . . . | 7 58     |
| J. A. Dill, bread . . . . . | 26 81    |
|                             | <hr/>    |
|                             | \$894 27 |

*For Support of Insane.*

|                                           |          |
|-------------------------------------------|----------|
| Asylum for Chronic Insane . . . . .       | \$84 80  |
| Worcester Insane Asylum . . . . .         | 128 17   |
| Commonwealth (Tewksbury Asylum) . . . . . | 184 03   |
|                                           | <hr/>    |
| <i>Amount carried forward</i> . . . . .   | \$397 00 |

|                                 |            |
|---------------------------------|------------|
| <i>Amount brought forward</i>   | \$397 00   |
| Worcester Lunatic Hospital      | 352 64     |
| Danvers Lunatic Hospital        | 557 69     |
| Northampton Lunatic Hospital    | 192 53     |
| A. B. Pierce, conveying persons | 6 00       |
|                                 | <hr/>      |
|                                 | \$1,505 86 |

*Burial Expenses*

|                    |         |
|--------------------|---------|
| A. B. Peirce & Son | \$26 00 |
|--------------------|---------|

*Rents.*

|                               |          |
|-------------------------------|----------|
| Thomas Foley, 5 months        | \$35 00  |
| F. W. Rogers, 5 months        | 40 00    |
| Dexter Bryant, 25 months      | 50 00    |
| John E. McGlinn, 11 months    | 88 00    |
| Cynthia A. Hawkes, 6 months   | 18 00    |
| Estate C. A. Green, 6 months  | 24 00    |
| John W. Cobb, 8 months        | 48 00    |
| Charles A. Larrabee, 6 months | 78 00    |
| Mrs. Geo. Hemmenway, 5 months | 15 00    |
| Eunice B. Snow, 5 months      | 40 00    |
| George F. Boardman, 11 months | 66 00    |
| B. R. Upham                   | 43 50    |
|                               | <hr/>    |
|                               | \$545 50 |

*Fuel.*

|                |          |
|----------------|----------|
| James Marshall | \$93 76  |
| S. E. Benson   | 72 23    |
| M. F. Eastman  | 50 16    |
| F. R. Upham    | 2 00     |
|                | <hr/>    |
|                | \$218 15 |

*Medical Attendance, Medicines, and Nursing.*

|                                      |          |
|--------------------------------------|----------|
| F. H. Morse, M. D. . . . .           | \$125 00 |
| Annie M. Selee, M. D. . . . .        | 4 00     |
| J. L. Sullivan, M. D. . . . .        | 5 00     |
| J. S. Clark, M. D. . . . .           | 34 00    |
| John Larrabee, medicines . . . . .   | 22 18    |
| Mrs. Susan Barron, nursing . . . . . | 10 00    |
| Mrs. J. O. Elms " . . . . .          | 50 00    |
| Mrs. C. Hartman " . . . . .          | 6 00     |
|                                      | <hr/>    |
|                                      | \$256 18 |

*Outside Relief.*

|                        |          |
|------------------------|----------|
| City of Lynn . . . . . | \$20 75  |
| Chelsea . . . . .      | 10 60    |
| Malden . . . . .       | 520 00   |
| Boston . . . . .       | 30 16    |
| Somerville . . . . .   | 3 70     |
|                        | <hr/>    |
|                        | \$585 21 |

*Board and Clothing.*

|                                                    |          |
|----------------------------------------------------|----------|
| Mass. School for Feeble Minded, board . . . . .    | \$169 43 |
| Mass. School for Feeble Minded, clothing . . . . . | 17 15    |
| Mrs. George H. Phillips, 11 days . . . . .         | 12 57    |
| Mrs. Emma Hyde, meals . . . . .                    | 5 50     |
| E. J. Barron, 52 weeks . . . . .                   | 156 00   |
| C. S. Jones, 47 weeks, 5 days . . . . .            | 190 83   |
| S. M. M. McLoon, 52½ weeks . . . . .               | 157 47   |
| John M. Fisk, Master House of Correction . . . . . | 18 00    |
| Mary D. Ellis, 33 weeks . . . . .                  | 66 00    |
| St. Vincent's Asylum, 12 months . . . . .          | 72 00    |
| Katherine Gallagher, 7 weeks . . . . .             | 14 00    |
| F. E. Upham, 51 weeks . . . . .                    | 51 00    |
| F. E. Upham, clothing . . . . .                    | 9 50     |
|                                                    | <hr/>    |
|                                                    | \$939 45 |



*Sundries.*

|                                           |          |
|-------------------------------------------|----------|
| Henry G. Fields, boots and shoes . . . .  | \$197 25 |
| Henry G. Fields, expense . . . . .        | 95       |
| Isabella Nelson, cash allowance . . . . . | 78 00    |
| O. E. Drown, meals to tramps . . . . .    | 11 00    |
| Charles K. Darling & Co., books . . . . . | 3 80     |
| A. W. Mitchell, rubber stamp . . . . .    | 2 50     |
| S. Tilden & Son, printing . . . . .       | 12 00    |
| C. G. Harris, dry goods . . . . .         | 6 40     |
| G. W. Bartlett, carriage hire . . . . .   | 25 00    |
|                                           | <hr/>    |
|                                           | \$336 90 |

## RECAPITULATION.

|                                             |            |
|---------------------------------------------|------------|
| Groceries, provisions, and supplies . . . . | \$894 27   |
| Insane . . . . .                            | 1,505 86   |
| Burial expenses . . . . .                   | 26 00      |
| Rents . . . . .                             | 545 50     |
| Fuel . . . . .                              | 218 15     |
| Medical attendance, etc. . . . .            | 256 18     |
| Outside relief . . . . .                    | 585 21     |
| Board and clothing . . . . .                | 939 45     |
| Sundries . . . . .                          | 336 90     |
|                                             | <hr/>      |
|                                             | \$5,307 52 |

## CONTRA.

|                         |            |
|-------------------------|------------|
| Appropriation . . . . . | \$4,500 00 |
|-------------------------|------------|

## RECEIPTS.

|                                          |                 |
|------------------------------------------|-----------------|
| From Peter Edgerly . . . . .             | \$212 17        |
| City of Boston . . . . .                 | 15 63           |
| Commonw'lth of Massachusetts . . . . .   | 10 00           |
| Town of Rockland . . . . .               | 123 87          |
| Town of Sunderland . . . . .             | 3 19            |
|                                          | <hr/>           |
| <i>Amounts carried forward . . . . .</i> | <i>\$364 86</i> |
|                                          | <hr/>           |
|                                          | \$4,500 00      |

|                                      |          |            |
|--------------------------------------|----------|------------|
| <i>Amounts brought forward . . .</i> | \$364 86 | \$4,500 00 |
| From Town of Middleton . . .         | 422 88   |            |
| Town of Falmouth . . .               | 60 00    |            |
|                                      | <hr/>    | 847 74     |
|                                      |          | <hr/>      |
| Balance unexpended . . . . .         |          | \$5,347 74 |
|                                      |          | 40 22      |
|                                      |          | <hr/>      |
|                                      |          | \$5,307 52 |

## FIRE DEPARTMENT.

|                         |            |
|-------------------------|------------|
| Appropriation . . . . . | \$2,100 00 |
|-------------------------|------------|

## EXPENDED.

*Contingent Expenses.*

|                                                 |          |
|-------------------------------------------------|----------|
| F. M. Holmes Furniture Co., chairs . . .        | \$15 00  |
| Andrew S. Jackson, brass lanterns . . .         | 6 00     |
| W. T. Howard, care of Endeavor Engine . . .     | 5 00     |
| Eastman's Express . . . . .                     | 2 50     |
| A. J. Morse & Son, nozzle and hose suspenders . | 20 75    |
| W. H. Turner, hose . . . . .                    | 7 50     |
| L. D. Shaw, nozzle . . . . .                    | 15 00    |
| Perry Brothers, keys . . . . .                  | 1 50     |
| Ætna Rubber Mills, 18 rubber coats . . .        | 63 00    |
| J. A. Dill, coffee, beans, etc. . . . .         | 14 50    |
| S. A. Robinson & Co., carriage . . . . .        | 50       |
| J. Singer, Jr., sundries, expense . . . . .     | 5 00     |
| F. H. Tyzzer, lettering coats . . . . .         | 6 75     |
| Bugbee & Barrett, crackers and cheese . . .     | 1 62     |
| J. C. Howes, repairs, plumbing, etc. . . . .    | 16 55    |
| A. W. Lynde, expense . . . . .                  | 5 00     |
| Engineers' services, one year . . . . .         | 75 00    |
| A. L. Maclachlan, straps for hose . . . . .     | 4 75     |
|                                                 | <hr/>    |
|                                                 | \$265 92 |

*Bigelow Hook and Ladder Company, No. 1.*

|                                              |          |
|----------------------------------------------|----------|
| Services of men, one year . . . . .          | \$346 67 |
| Services of steward, one year . . . . .      | 40 00    |
| Edwards Brothers, repairs . . . . .          | 19 90    |
| Eastman's Express, horses to fires . . . . . | 27 00    |
| Benjamin Ames, horse to fire . . . . .       | 3 00     |
| Seth E. Benson, wood . . . . .               | 1 00     |
|                                              | <hr/>    |
|                                              | \$437 57 |

*Russell Hose Company, No. 1.*

|                                                                    |          |
|--------------------------------------------------------------------|----------|
| Services of men, one year . . . . .                                | \$220 00 |
| Services of steward, one year . . . . .                            | 40 00    |
| Joseph Edwards, repairs . . . . .                                  | 25       |
| W. A. Goodno, stock and labor . . . . .                            | 153 17   |
| Bugbee & Barrett, sundries . . . . .                               | 5 64     |
| George W. Bartlett, horses to fires . . . . .                      | 21 50    |
| Albon W. Parker, painting, etc. . . . .                            | 57 70    |
| S. E. Benson, wood and coal . . . . .                              | 60 25    |
| Malden and Melrose Gas Light Company, 12,700<br>feet gas . . . . . | 28 58    |
|                                                                    | <hr/>    |
|                                                                    | \$587 09 |

*N. D. Blake Hose Company, No. 2.*

|                                                                   |          |
|-------------------------------------------------------------------|----------|
| Services of men . . . . .                                         | \$200 00 |
| “ “ steward . . . . .                                             | 40 00    |
| Horse to fires . . . . .                                          | 18 00    |
| L. W. Gilman, rent 15 months . . . . .                            | 187 50   |
| Malden and Melrose Gas Light Company, 4,200<br>feet gas . . . . . | 9 46     |
| Edwards Brothers, repairs . . . . .                               | 2 50     |
| Bugbee & Barrett, sundries . . . . .                              | 1 90     |
| S. E. Benson, wood and coal . . . . .                             | 15 00    |
|                                                                   | <hr/>    |
|                                                                   | \$474 36 |

*Highland Hose Company, No 3.*

|                                                 |          |
|-------------------------------------------------|----------|
| Services of men . . . . .                       | \$210 00 |
| “ “ steward . . . . .                           | 40 00    |
| Churchill & Robinson, horses to fires . . . . . | 10 00    |
| George E. Fogg, glazing . . . . .               | 30       |
| Samuel Lear, stock and labor . . . . .          | 10 75    |
| S. A. Robinson & Co., horse to fires . . . . .  | 6 00     |
| J. Singer, Jr., sundries . . . . .              | 6 97     |
| S. E. Benson, wood and coal . . . . .           | 24 75    |
|                                                 | <hr/>    |
|                                                 | \$308 77 |

## RECAPITULATION.

|                                           |            |
|-------------------------------------------|------------|
| Contingent expenses . . . . .             | \$265 92   |
| Bigelow H. & L. Company, No. 1 . . . . .  | 437 57     |
| Russell Hose Company, No. 1 . . . . .     | 587 09     |
| N. D. Blake Hose Company, No. 2 . . . . . | 474 36     |
| Highland Hose Company, No. 3 . . . . .    | 308 77     |
|                                           | <hr/>      |
|                                           | \$2,073 71 |

## CONTRA.

|                                                          |            |
|----------------------------------------------------------|------------|
| Appropriation . . . . .                                  | \$2,100 00 |
| Received from A. L. Maclachlan for<br>old hose . . . . . | 17 28      |
| Balance unexpended . . . . .                             | 43 57      |
|                                                          | <hr/>      |
|                                                          | \$2,117 28 |
|                                                          | <hr/>      |
|                                                          | \$2,117 28 |

## STREET LIGHTS.

|                         |            |
|-------------------------|------------|
| Appropriation . . . . . | \$3,500 00 |
|-------------------------|------------|

## EXPENDED.

|                                                                                                                            |            |
|----------------------------------------------------------------------------------------------------------------------------|------------|
| Wheeler Reflector Company, for lighting and<br>care of 143 to 149 lamps, 34,573 nights, at<br>4½ cents per night . . . . . | \$1,555 80 |
|                                                                                                                            | <hr/>      |
| <i>Amount carried forward . . . . .</i>                                                                                    | \$1,555 80 |

## FINANCIAL STATEMENT.

67

|                                                                                                  |            |
|--------------------------------------------------------------------------------------------------|------------|
| <i>Amount brought forward</i> . . . . .                                                          | \$1,555 80 |
| Malden and Melrose Gas Light Company, lighting and care of 30 to 22 lights, one year . . . . .   | 396 88     |
| Malden Electric Light Company, furnishing and care of 14 arc lights, 8 months . . . . .          | 933 36     |
| C. A. Messenger, Jr., and others, allowance for displacing two lamps by electric light . . . . . | 16 20      |
| J. C. Howes, repairs . . . . .                                                                   | 28 14      |
|                                                                                                  | <hr/>      |
|                                                                                                  | \$2,930 38 |
| Balance unexpended . . . . .                                                                     | 569 62     |
|                                                                                                  | <hr/>      |
|                                                                                                  | \$3,500 00 |

## ASSESSORS' VALUATION.

## PUBLISHING, ETC.

|                         |          |
|-------------------------|----------|
| Appropriation . . . . . | \$300 00 |
|-------------------------|----------|

## EXPENDED.

|                                                         |          |
|---------------------------------------------------------|----------|
| W. L. Williams, printing 1,500 copies of book . . . . . | 225 00   |
| A. B. Pierce, distributing books . . . . .              | 7 50     |
| Geo. C. Stantial, compilation . . . . .                 | \$50 00  |
| Geo. C. Stantial, sundries, paper, etc., . . . . .      | 10 00    |
|                                                         | <hr/>    |
|                                                         | 60 00    |
|                                                         | <hr/>    |
|                                                         | \$292 50 |
| Balance unexpended . . . . .                            | 7 50     |
|                                                         | <hr/>    |
|                                                         | \$300 00 |

## ADDITIONAL LAMPS.

|                         |          |
|-------------------------|----------|
| Appropriation . . . . . | \$150 00 |
|-------------------------|----------|

## EXPENDED.

|                                                                    |          |
|--------------------------------------------------------------------|----------|
| Wheeler Reflector Company, 13 lanterns, frames and posts . . . . . | \$143 60 |
|                                                                    | <hr/>    |
| <i>Amount carried forward</i> . . . . .                            | \$143 60 |

|                               |  |          |
|-------------------------------|--|----------|
| <i>Amount brought forward</i> |  | \$143 60 |
| Eastman's Express             |  | 5 00     |
|                               |  | <hr/>    |
|                               |  | \$148 60 |
| Balance unexpended            |  | 1 40     |
|                               |  | <hr/>    |
|                               |  | \$150 00 |

## POLICE AND NIGHT WATCH.

|               |            |
|---------------|------------|
| Appropriation | \$1,800 00 |
|---------------|------------|

## OFFICERS' SERVICES.

|                   | HOURS. |            |
|-------------------|--------|------------|
| O. E. Drown,      | 1,782  | \$445 50   |
| H. B. Newhall,    | 1,882  | 470 50     |
| F. M. McLaughlin, | 1,386  | 346 50     |
| D. T. Stockwell,  | 961½   | 240 37     |
| W. A. Caswell,    | 514    | 128 50     |
| C. H. Fuller,     | 57     | 14 25      |
| J. W. Davis,      | 128    | 32 00      |
| R. M. Rand,       | 100    | 25 00      |
| A. W. Lynde,      | 73     | 18 25      |
| C. T. Stevens,    | 17     | 4 25       |
| Henry Barron,     | 20     | 5 00       |
| David O. Parker,  | 20     | 5 00       |
| Ansel B. Pierce,  | 36     | 9 00       |
|                   | <hr/>  |            |
|                   | 6,976½ | \$1,744 12 |

## SUNDRIES.

|                                      |            |
|--------------------------------------|------------|
| John P. Lovell Arms Co., implements, | \$5 00     |
| A. W. Mitchell, badges               | 4 75       |
| Watts Brothers, measure              | 5 15       |
| T. W. Ripley, records.               | 4 50       |
| G. W. Bartlett, teams.               | 35 00      |
|                                      | <hr/>      |
|                                      | 54 40      |
|                                      | <hr/>      |
|                                      | \$1,798 52 |
| Balance unexpended                   | 1 48       |
|                                      | <hr/>      |
|                                      | \$1,800 00 |

## CONTINGENT EXPENSES.

|                         |            |
|-------------------------|------------|
| Appropriation . . . . . | \$1,200 00 |
|-------------------------|------------|

## RECEIPTS.

For auctioneers' licenses :—

|                                                  |        |                   |
|--------------------------------------------------|--------|-------------------|
| J. R. Jones . . . . .                            | \$2 00 |                   |
| S. A. Lovejoy . . . . .                          | 2 00   |                   |
| C. H. Isburgh . . . . .                          | 2 00   |                   |
| Moses Briggs . . . . .                           | 2 00   |                   |
| Milo N. Robbins . . . . .                        | 2 00   |                   |
|                                                  |        | 10 00             |
| Crystal Lake Fishing Association, rent of pond . |        | 10 00             |
| Edwards Brothers, two years' rent of land .      |        | 20 00             |
| A. B. Pierce, lock-up fees . . . . .             |        | 1 00              |
|                                                  |        | <u>\$1,241 00</u> |

## EXPENDED.

|                                                                                        |                 |
|----------------------------------------------------------------------------------------|-----------------|
| Joseph McIntire, printing record books . .                                             | \$30 00         |
| A. W. Haskell, printing tax collector's book .                                         | 7 00            |
| Pratt Brothers, printing schedule blanks . .                                           | 2 75            |
| W. L. Williams, printing warrants, notices, voting<br>lists, advertising, etc. . . . . | 209 65          |
| Dunton & Potter, printing notices . . . .                                              | 1 75            |
| P. M. Murphy, printing posters . . . . .                                               | 1 75            |
| H. B. Newhall, posting notices, etc. . . .                                             | 7 50            |
| O. E. Drown, posting voting lists . . . .                                              | 2 00            |
| Alfred Mudge & Son, printing 1,500 reports,<br>1886 . . . . .                          | 196 80          |
| T. W. Ripley, printing school reports, 1886 .                                          | 53 44           |
| Geo. F. King & Merrill, stationery . . . .                                             | 2 75            |
| Adams & Ingraham, stationery . . . . .                                                 | 8 85            |
| Little, Brown & Co., town officer . . . .                                              | 3 00            |
| H. C. Dimond & Co., rubber stamps . . . .                                              | 4 50            |
| A. W. Mitchell & Co., rubber stamps . . .                                              | 12 50           |
| <i>Amount carried forward . . . . .</i>                                                | <u>\$544 24</u> |



|                                                                                                        |            |
|--------------------------------------------------------------------------------------------------------|------------|
| <i>Amount brought forward</i>                                                                          | \$544 24   |
| George W. Dew, painting fence . . . . .                                                                | 13 55      |
| Albon W. Parker, painting guide-boards . . . . .                                                       | 15 10      |
| F. M. McLaughlin, ringing bell . . . . .                                                               | 6 00       |
| George E. Fogg, " " . . . . .                                                                          | 6 00       |
| O. E. Drown, " " . . . . .                                                                             | 6 00       |
| C. T. Stevens, " " . . . . .                                                                           | 6 00       |
| Hallowell Granite Company, lettering mile-post, . . . . .                                              | 4 00       |
| J. A. Dill, refreshments, election days . . . . .                                                      | 18 00      |
| G. W. Bartlett, carriage hire . . . . .                                                                | 16 00      |
| Walter C. Stevens, surveying . . . . .                                                                 | 125 50     |
| A. F. Sargent, plan . . . . .                                                                          | 2 50       |
| A. W. Lynde, building wall, Main Street . . . . .                                                      | 50 00      |
| L. S. Gould, sundry expenses . . . . .                                                                 | 3 50       |
| First District Court, fees . . . . .                                                                   | 5 32       |
| George C. Stantial, clerical services for select-<br>men, 1886 . . . . .                               | 25 00      |
| Eastman's Express . . . . .                                                                            | 2 15       |
| American " . . . . .                                                                                   | 15         |
| Cunningham's Express . . . . .                                                                         | 40         |
| John Larrabee, collecting, recording, and return-<br>ing births, marriages, and deaths, 1886 . . . . . | 107 70     |
| John Larrabee, compiling annual reports, 1886,<br>clerical services and expense . . . . .              | 55 00      |
| A. B. Pierce, distributing warrants, notices, and<br>services at meetings . . . . .                    | 68 50      |
| A. B. Pierce and son, returning 69 deaths, 1887 . . . . .                                              | 17 25      |
| C. B. Shute, M. D., returning births, 1886 . . . . .                                                   | 1 00       |
| F. L. McIntosh, M. D., " " " . . . . .                                                                 | 1 00       |
| C. C. Odlin, M. D., " " " . . . . .                                                                    | 9 75       |
| F. H. Morse, M. D., " " " . . . . .                                                                    | 2 00       |
| A. M. Selee, M. D., " " " . . . . .                                                                    | 3 75       |
| J. S. Clark, M. D., " " " . . . . .                                                                    | 9 50       |
| P. Wadsworth, M. D., " " " . . . . .                                                                   | 1 00       |
| Frost & Hawes, chloride lime (Board of Health), . . . . .                                              | 50         |
| O. E. Drown, fumigating, " " " . . . . .                                                               | 3 75       |
| <i>Amount carried forward</i> . . . . .                                                                | \$1,130 11 |

## FINANCIAL STATEMENT.

71

*Amount brought forward* . . . . . \$1,130 11

|                                                   |       |
|---------------------------------------------------|-------|
| J. H. L. Anderson, carriages (Board of Health) .  | 3 00  |
| John Evans, labor (forest fires) . . . . .        | 4 50  |
| Henry Barron, " " " . . . . .                     | 2 25  |
| Eastman's Express, teams (forest fires) . . . . . | 5 00  |
| C. F. W. Fogg, labor " " . . . . .                | 8 30  |
| W. L. Williams, postmaster, postage . . . . .     | 1 00  |
| George Newhall, expense, postage . . . . .        | 6 00  |
| W. A. Burrell, painting sign . . . . .            | 1 75  |
| J. O. Chandler, blacksmithing . . . . .           | 36 00 |
| Coggan & Schofield, legal services . . . . .      | 10 50 |
| O. E. Drown, meals for prisoners . . . . .        | 4 50  |
| " " " care of lock-up . . . . .                   | 25 00 |

---

\$1,237 91

Balance unexpended . . . . . 3 09

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\$1,241 00

## INTEREST.

Appropriation . . . . . \$5,500 00

## RECEIPTS.

|                          |          |
|--------------------------|----------|
| On taxes, 1885 . . . . . | \$204 57 |
| " " 1886 . . . . .       | 983 52   |
| " " 1887 . . . . .       | 115 57   |

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\$6,803 66

## EXPENDED.

|                                                   |            |
|---------------------------------------------------|------------|
| Interest coupons on Town Hall bonds . . . . .     | \$4,550 00 |
| Commonwealth of Massachusetts, on notes . . . . . | 1,197 50   |
| Melrose Savings Bank, on notes . . . . .          | 464 35     |
| Suffolk Savings Bank, on note . . . . .           | 93 75      |

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\$6,305 60

Balance unexpended . . . . . 498 06

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\$6,803 66

## TOWN OFFICERS' SALARIES.

Appropriation . . . . . \$2,800 00

## EXPENDED.

|                                                    |            |
|----------------------------------------------------|------------|
| F. E. Orcutt, auditor, 1886 . . . . .              | \$15 00    |
| J. R. Norton, " " . . . . .                        | 15 00      |
| W. I. Nickerson, " " . . . . .                     | 15 00      |
| Alfred Hocking, registrar of voters, '86 and '87 . | 25 00      |
| Walter Babb, " " " " " " .                         | 25 00      |
| John B. Souther, " " " " " " .                     | 25 00      |
| John Larrabee, " " " " " " .                       | 25 00      |
| Henry G. Fields (chairman), overseer of poor .     | 150 00     |
| John Singer, Jr., overseer of poor . . . . .       | 50 00      |
| Martha D. Bale, " " " . . . . .                    | 50 00      |
| George C. Stantial, assessor . . . . .             | 150 00     |
| George F. Boardman, " . . . . .                    | 150 00     |
| Moses Briggs, " . . . . .                          | 150 00     |
| Board of assessors, for clerical services . . .    | 300 00     |
| Levi S. Gould, selectman . . . . .                 | 200 00     |
| John P. Deering, " . . . . .                       | 200 00     |
| John B. Souther, " . . . . .                       | 200 00     |
| John Larrabee, town clerk . . . . .                | 175 00     |
| George Newhall, town treasurer . . . . .           | 300 00     |
| M. F. Eastman, collector,                          |            |
| on account of taxes, 1886 . . . \$250 00           |            |
| " " " " 1887 . . . 250 00                          |            |
|                                                    | <hr/>      |
|                                                    | 500 00     |
|                                                    | <hr/>      |
|                                                    | \$2,720 00 |
| Balance unexpended . . . . .                       | 80 00      |
|                                                    | <hr/>      |
|                                                    | \$2,800 00 |

## TOWN HALL.

## EXPENDED.

|                                                                     |          |
|---------------------------------------------------------------------|----------|
| O. E. Drown, janitor, one year . . . . .                            | \$300 00 |
| O. E. Drown, labor and material . . . . .                           | 8 03     |
| S. F. Oliver, gas fitting . . . . .                                 | 14 00    |
| Malden and Melrose Gas Light Company, 306,500<br>feet gas . . . . . | 689 64   |
| John Larrabee, door spring and sundries . . . . .                   | 5 45     |
| Frost & Hawes, sundries . . . . .                                   | 1 28     |
| Eastman's Express, moving piano . . . . .                           | 13 65    |
| D. R. Woodward, stock and labor . . . . .                           | 9 00     |
| John Hunnewill, labor . . . . .                                     | 8 13     |
| G. P. Reed, cleaning clock . . . . .                                | 2 00     |
| J. C. Howes, repairs, plumbing, etc. . . . .                        | 34 23    |
| Lemuel Merrill, keys . . . . .                                      | 1 70     |
| Bugbee & Barrett, sundries . . . . .                                | 5 12     |
| S. E. Benson, coal . . . . .                                        | 5 00     |
| M. F. Eastman, 40 tons coal . . . . .                               | 218 00   |
| A. & E. Burton & Co., brushes . . . . .                             | 10 50    |
| Joseph Edwards, sharpening lawn mower . . . . .                     | 3 50     |
| G. W. Dew, painting and glazing . . . . .                           | 10 75    |
| J. L. Hammett, settee castings . . . . .                            | 63 00    |
| John Lahey, 15 baskets charcoal . . . . .                           | 5 25     |
| Peters & Jones, step ladder . . . . .                               | 2 25     |

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 \$1,410 48

## RECEIPTS.

|                                |          |
|--------------------------------|----------|
| Appropriation . . . . .        | \$500 00 |
| Mrs. G. N. Bordman . . . . .   | 80 00    |
| Trinity Church . . . . .       | 30 00    |
| Fire Department . . . . .      | 15 00    |
| Unitarian Society . . . . .    | 60 00    |
| Athletic Club . . . . .        | 30 00    |
| Universalist Society . . . . . | 25 00    |

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*Amount carried forward . . . . .* \$750 00

|                                      |            |
|--------------------------------------|------------|
| <i>Amount brought forward</i>        | \$750 00   |
| Universalist Social Circle           | 30 00      |
| St. Bridget's Society                | 60 00      |
| Uncle Tom's Cabin Company            | 25 00      |
| Republican party                     | 25 00      |
| Cradle Songs Entertainment           | 25 00      |
| ——— Melvin                           | 10 00      |
| Woman Suffrage Club                  | 18 00      |
| Melrose Savings Bank, rent, 9 months | 75 00      |
| Melrose Lyceum, balance, 1886        | 60 00      |
| Melrose Lyceum, season 1887-88       | 300 00     |
|                                      | <hr/>      |
|                                      | \$1,368 00 |
| Expenditures exceed                  | 42 48      |
|                                      | <hr/>      |
|                                      | \$1,410 48 |

## STATE AID.

|                                                                       |          |
|-----------------------------------------------------------------------|----------|
| Received from State on account of amount paid<br>during the year 1886 | \$654 00 |
|-----------------------------------------------------------------------|----------|

PAID DISABLED SOLDIERS AND DEPENDENT RELATIVES  
DURING YEAR 1887.

|                   |          |
|-------------------|----------|
| George C. Bucknam | \$24 00  |
| William Story     | 48 00    |
| Daniel D. Penney  | 48 00    |
| Sarah Barrett     | 48 00    |
| Mary F. Howard    | 48 00    |
| Maria G. Colson   | 48 00    |
| Helen E. Poole    | 48 00    |
| Alvin Drake       | 36 00    |
| Charles H. Young  | 48 00    |
| Benjamin F. Gibbs | 48 00    |
| Ann M. Jewett     | 48 00    |
| Rebecca H. French | 48 00    |
| John H. Guild     | 24 00    |
| William B. York   | 44 00    |
|                   | <hr/>    |
|                   | \$608 00 |

## MILITARY AID.

|                                                                                          |          |
|------------------------------------------------------------------------------------------|----------|
| Received from State on account of aid paid in<br>1886 . . . . .                          | \$266 00 |
| [Sums paid under provisions Chap. 252, Acts of<br>1879. One half refunded by the State.] |          |
| George W. Grover . . . . .                                                               | 48 00    |
| Lawrence Reardon . . . . .                                                               | 96 00    |
| Ede K. Chase . . . . .                                                                   | 72 00    |
| Horace W. Stevens . . . . .                                                              | 72 00    |
| Benjamin F. York . . . . .                                                               | 60 00    |
| William A. Johnson . . . . .                                                             | 43 00    |
| Edwin H. Downing . . . . .                                                               | 72 00    |
| Charles S. Jones . . . . .                                                               | 66 00    |
|                                                                                          | <hr/>    |
|                                                                                          | \$529 00 |
| Appropriation . . . . .                                                                  | \$300 00 |
| One half of amount paid to be refunded . . . . .                                         | 264 50   |
|                                                                                          | <hr/>    |
| Balance . . . . .                                                                        | \$35 50  |

## WATER FUND.

## DR.

|                                                                            |             |
|----------------------------------------------------------------------------|-------------|
| Paid interest on bonds . . . . .                                           | \$10,720 00 |
| On account of construction, 1886,<br>advanced as per last report . . . . . | \$5,156 76  |
| Treasurer of Water Loan, S. F.<br>Commissioners' surplus, 1886 . . . . .   | 1,943 19    |
|                                                                            | <hr/>       |
|                                                                            | 7,099 95    |
| Bills and orders, high service . . . . .                                   | 60 00       |
| Engineer's house and land at<br>pumping station . . . . .                  | 2,296 66    |
|                                                                            | <hr/>       |
|                                                                            | 2,656 66    |
| Bills on account of construction<br>and maintenance . . . . .              | 18,330 36   |
|                                                                            | <hr/>       |
| Amount carried forward . . . . .                                           | \$38,815 97 |

*Amount brought forward* . . . \$38,815 97

## CR.

From sale of bonds Nos. 1-20, series

|                                                |             |
|------------------------------------------------|-------------|
| 1887 . . . . .                                 | \$20,000 00 |
| Premiums and accrued interest . . . . .        | 891 32      |
| Water rates, etc. . . . .                      | 22,575 22   |
| High service account, balance, 1886, . . . . . | 291 21      |
| High service receipts . . . . .                | 65 45       |
|                                                | <hr/>       |
|                                                | \$43,823 20 |

|                            |             |
|----------------------------|-------------|
| Cash in treasury . . . . . | 5,007 23    |
|                            | <hr/>       |
|                            | \$43,823 20 |

## PUBLIC LIBRARY AND READING ROOM.

|                                                |            |
|------------------------------------------------|------------|
| Appropriation . . . . .                        | \$750 00   |
| Dog tax, 1886, from county treasurer . . . . . | 774 90     |
|                                                | <hr/>      |
|                                                | \$1,524 90 |

## EXPENDED.

|                                                                   |          |
|-------------------------------------------------------------------|----------|
| Paid treasurer of trustees, on order . . . . .                    | \$774 90 |
| Dewolfe, Fiske & Co., books . . . . .                             | \$162 04 |
| Houghton, Mifflin & Co., books . . . . .                          | 5 50     |
| Bradlee Whidden, books . . . . .                                  | 36 00    |
| Willard Small, books . . . . .                                    | 8 40     |
| Interstate Publishing Company, books, . . . . .                   | 8 60     |
| J. P. Deering, lumber . . . . .                                   | 18 35    |
| O. E. Drown, care room, 6 months . . . . .                        | 50 00    |
| Eastman's Express . . . . .                                       | 1 30     |
| Geo. F. King & Merrill, library cards . . . . .                   | 3 50     |
| Carrie M. Worthen, services as libra-<br>rian, 9 months . . . . . | 318 75   |
| Peter D. Meston, rebinding books . . . . .                        | 45 00    |
| H. W. Upham, rebinding books . . . . .                            | 24 80    |
|                                                                   | <hr/>    |
| <i>Amounts carried forward</i> . . . . .                          | \$682 24 |
|                                                                   | <hr/>    |
|                                                                   | \$774 90 |



|                                                       |            |            |
|-------------------------------------------------------|------------|------------|
| <i>Amounts brought forward</i>                        | . \$682 24 | \$774 90   |
| W. L. Williams, printing cards and<br>slips . . . . . | 25 00      |            |
| Westgate & Johnson, insurance . . . . .               | 37 50      |            |
|                                                       | <hr/>      | 744 74     |
|                                                       |            | \$1,519 64 |
| Balance unexpended . . . . .                          |            | 5 6        |
|                                                       |            | <hr/>      |
|                                                       |            | \$1,524 90 |

## SUMMER STREET DRAIN.

## EXPENDED.

|                                                                       |          |
|-----------------------------------------------------------------------|----------|
| A. W. Lynde, furnishing and laying 330 feet<br>12-inch pipe . . . . . | \$225 86 |
| W. C. Stevens, surveying and superintendence . . . . .                | 9 00     |
|                                                                       | <hr/>    |
|                                                                       | \$234 86 |

## ESSEX STREET DRAIN.

## EXPENDED.

|                                                                                                     |            |
|-----------------------------------------------------------------------------------------------------|------------|
| A. W. Lynde, furnishing and laying drain pipe,<br>building 3 catch-basins and 2 cesspools . . . . . | \$1,175 00 |
| W. C. Stevens, surveying and superintendence . . . . .                                              | 25 00      |
|                                                                                                     | <hr/>      |
|                                                                                                     | \$1,200 00 |

## HOSE HOUSE, "WYOMING."

|                                                                              |            |
|------------------------------------------------------------------------------|------------|
| Appropriation . . . . .                                                      | \$1,200 00 |
| Received from Patrick Kiervan for old Vinton<br>Street schoolhouse . . . . . | 510 00     |
|                                                                              | <hr/>      |
|                                                                              | \$1,710 00 |

## EXPENDED.

|                                                 |            |
|-------------------------------------------------|------------|
| Henry Lynde 4,241 feet of land on Main Street,  | \$424 10   |
| Gilbert N. Harris, examination of title and re- |            |
| cording deed . . . . .                          | 25 65      |
|                                                 | <hr/>      |
|                                                 | \$449 75   |
| Balance . . . . .                               | 1,260 25   |
|                                                 | <hr/>      |
|                                                 | \$1,710 00 |

## MEMORIAL DAY.

|                                               |          |
|-----------------------------------------------|----------|
| Appropriation . . . . .                       | \$200 00 |
| Paid to U. S. Grant Post No. 4, Department of |          |
| Massachusetts, G. A. R. . . . .               | \$200 00 |

## BOUNDARY LINE.

|                                                |         |
|------------------------------------------------|---------|
| Walter C. Stevens, surveying line between Mal- |         |
| den and Melrose . . . . .                      | \$45 00 |
| Plan, locating and settling bounds . . . . .   | 20 00   |
|                                                | <hr/>   |
|                                                | \$65 00 |

## LAND DAMAGES.

|                                                 |          |
|-------------------------------------------------|----------|
| George F. Boardman, 298 square feet of land     |          |
| taken on Essex Street . . . . .                 | \$59 60  |
| Timothy Corey, 425 square feet of land taken at |          |
| junction of Grove and Berwick Streets . . . . . | 106 25   |
|                                                 | <hr/>    |
|                                                 | \$165 85 |

## SECOND STREET.

|                                                                                    |          |
|------------------------------------------------------------------------------------|----------|
| Gourley & Whittier, removing ledge and building<br>street, per contract . . . . .  | \$425 00 |
| Gourley & Whittier, digging trench . . . . .                                       | 5 00     |
| Berry & Ferguson, 46 feet 10-inch pipe . . . . .                                   | 16 44    |
| Walter C. Stevens, grade profile, specifications,<br>and superintendence . . . . . | 14 00    |
|                                                                                    | <hr/>    |
|                                                                                    | \$460 44 |

## STATE AND COUNTY TAXES.

|                                |            |
|--------------------------------|------------|
| Paid State treasurer . . . . . | \$5,895 00 |
| County treasurer . . . . .     | 2,756 47   |

## COMMONWEALTH OF MASSACHUSETTS.

|                                   |            |
|-----------------------------------|------------|
| Rec'd corporation taxes . . . . . | \$3,609 80 |
| National bank taxes . . . . .     | 609 54     |
|                                   | <hr/>      |
|                                   | \$4,219 34 |
| Military Aid, 1886 . . . . .      | \$266 00   |
| State Aid, 1886 . . . . .         | 654 00     |
|                                   | <hr/>      |
|                                   | 920 00     |
|                                   | <hr/>      |
|                                   | \$5,139 34 |

## REPORT OF POLICE DEPARTMENT.

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MELROSE, Dec. 31, 1887.

*To the Honorable Board of Selectmen :*

The report of the Police Department is as follows, for the year ending Dec. 31, 1887:—

### CASES BROUGHT BEFORE THE COURT.

|                                     |    |                                       |    |
|-------------------------------------|----|---------------------------------------|----|
| Assaults . . . . .                  | 7  | Liquor nuisances . . . . .            | 3  |
| Breaking and entering . . . . .     | 8  | Non-support . . . . .                 | 3  |
| Bastardy . . . . .                  | 2  | Pool table without license, . . . . . | 1  |
| Breaking By-Laws of town, . . . . . | 2  | Search warrants for liquor, . . . . . | 10 |
| Drunks . . . . .                    | 10 | “ “ “ prop- . . . . .                 |    |
| Common drunks . . . . .             | 1  | erty . . . . .                        | 2  |
| Disturbing peace . . . . .          | 7  | Stubborn child . . . . .              | 1  |
| Disorderly house . . . . .          | 1  | Threats . . . . .                     | 3  |
| Illegal transportation of . . . . . |    | Unlicensed dog . . . . .              | 1  |
| liquor . . . . .                    | 1  | Vagrant . . . . .                     | 1  |
| Larceny . . . . .                   | 3  |                                       |    |

|                                               |    |
|-----------------------------------------------|----|
| Tramps accommodated . . . . .                 | 72 |
| Doors found unlocked . . . . .                | 4  |
| Notices delivered . . . . .                   | 20 |
| Persons assisted home . . . . .               | 5  |
| Patients carried to Insane Hospital . . . . . | 4  |

Respectfully submitted,

FRANK M. McLAUGHLIN, *Chief.*

## REPORT OF THE TOWN TREASURER.

|                                          |              |
|------------------------------------------|--------------|
| Cash in treasury, Jan. 27, 1887 . . . .  | \$192 25     |
| Total receipts for the year . . . .      | 158,213 98   |
|                                          | <hr/>        |
| Total disbursements for the year . . . . | \$158,406 23 |
|                                          | 153,933 65   |
|                                          | <hr/>        |
| Cash in treasury, Jan. 27, 1888 . . . .  | \$4,472 58   |

## CEMETERY "TRUST FUNDS."

|                                          |          |
|------------------------------------------|----------|
| 1885. Estate of Sally Upham . . . .      | \$200 00 |
| 1886. S. B. Cochran, Omaha, Neb. . . .   | 200 00   |
| 1887. Estate of William H. Jones . . . . | 100 00   |
|                                          | <hr/>    |
|                                          | \$500 00 |

## STATEMENT OF THE TOWN DEBT.

## WATER BONDS.

|                                                            |              |
|------------------------------------------------------------|--------------|
| Melrose Water Fund, due July 1, 1890 . . . .               | \$100,000 00 |
| Melrose Water Fund, due Oct. 1, 1892 . . . .               | 50,000 00    |
| Melrose Water Loan, high service, due Nov. 1, 1905 . . . . | 37,000 00    |
| Melrose Water Fund, series 1887, due May 1, 1907 . . . .   | 20,000 00    |
|                                                            | <hr/>        |
|                                                            | \$207,000 00 |

## TOWN HALL BONDS.

|                                             |              |
|---------------------------------------------|--------------|
| Melrose Town Hall, due Oct. 1, 1892 . . . . | 65,000 00    |
| <i>Amount carried forward . . . .</i>       | <hr/>        |
|                                             | \$272,000 00 |

*Amount brought forward* . . . \$272,000 00

## PERMANENT LOANS.

Commonwealth of Massachusetts :—

Note dated Oct. 15, 1868, due Oct.

15, 1888, interest 6 per cent . \$5,000 00

Note dated Aug. 6, 1884, due Aug.

6, 1889, interest 4 per cent . 8,000 00

Note dated July 23, 1886, due July

23, 1891, interest  $3\frac{1}{2}$  per cent . 14,000 00

Note dated May 7, 1887, to Charles

Pratt, interest  $6\frac{1}{2}$  per cent . 10,000 00

37,000 00

## TEMPORARY LOAN.

Note dated Feb. 4, 1887, one year, interest  $3\frac{3}{4}$  per  
cent . . . . . 5,000 00

Total . . . . . \$314,000 00

## AVAILABLE ASSETS.

Due from State, State aid . . . \$608 00

Due from State, military aid . . . 264 50

\$872 50

Uncollected taxes :—

1881 . . . . . \$87 93

1882 . . . . . 204 71

1883 . . . . . 275 75

1884 . . . . . 293 18

1885 . . . . . 725 55

1886 . . . . . 765 50

1887 . . . . . 28,881 32

31,233 94

Water Loan Sinking Fund . . . 32,557 19

*Amount carried forward* . . . \$64,663 63

|                                               |              |
|-----------------------------------------------|--------------|
| <i>Amount brought forward</i> . . . . .       | \$64,663 63  |
| Cash on hand . . . . .                        | 4,472 58     |
|                                               | <hr/>        |
|                                               | \$69,136 21  |
| Net debt more than assets available . . . . . | 244,863 79   |
|                                               | <hr/>        |
|                                               | \$314,000 00 |

Respectfully submitted,

GEORGE NEWHALL,

*Treasurer.*

(E. and O. accepted.)

MELROSE, February, 1888.

GEORGE NEWHALL, TREASURER,

*In account with the* TOWN OF MELROSE.

DR.

Jan. 27, 1887. Cash in the treasury . . . . . \$192 25

## RECEIPTS.

|                                                                   |             |
|-------------------------------------------------------------------|-------------|
| From sale of twenty Water Fund bonds, series<br>of 1887 . . . . . | \$20,891 32 |
| Notes, temporary loans . . . . .                                  | 18,500 00   |
| Water rates, etc. . . . .                                         | 22,575 22   |
| Vinton Street schoolhouse, sale of . . . . .                      | 510 00      |
| Commonwealth of Massachusetts:—                                   |             |
| Corporation taxes . . . . .                                       | \$3,609 80  |
| Bank taxes . . . . .                                              | 609 54      |
| State aid, 1886 . . . . .                                         | 654 00      |
| Military aid, 1886 . . . . .                                      | 266 00      |
|                                                                   | <hr/>       |
|                                                                   | 5,139 34    |
| County treasurer, dog tax, 1886 . . . . .                         | 774 90      |
| Cemetery, trust fund . . . . .                                    | 100 00      |
| Wyoming Cemetery, lots, graves, etc. . . . .                      | 2,900 82    |
|                                                                   | <hr/>       |
| <i>Amount carried forward</i> . . . . .                           | \$71,583 85 |



|                               |   |   |   |             |
|-------------------------------|---|---|---|-------------|
| <i>Amount brought forward</i> | . | . | . | \$71,583 85 |
| On account of :—              |   |   |   |             |
| School Fund                   | . | . | . | 76 21       |
| School contingent             | . | . | . | 6 41        |
| Sidewalks                     | . | . | . | 319 34      |
| Poor Fund                     | . | . | . | 847 74      |
| Fire Department               | . | . | . | 17 28       |
| Contingent Fund               | . | . | . | 41 00       |
| Highways                      | . | . | . | 766 50      |
| Drainage                      | . | . | . | 195 49      |
| Town Hall, use of             | . | . | . | 868 00      |
| High service                  | . | . | . | 65 45       |

## TAXES.

|                                |   |   |                    |
|--------------------------------|---|---|--------------------|
| M. F. Eastman, collector, 1885 | . | . | \$1,768 38         |
| " " " 1886                     | . | . | 28,350 58          |
| " " " 1887                     | . | . | 53,500 00          |
|                                |   |   | <hr/> 83,618 96    |
|                                |   |   | <hr/> \$158,406 23 |

## CR.

By town clerk's orders, as follows :—

|                       |   |   |   |             |
|-----------------------|---|---|---|-------------|
| Schools, support of   | . | . | . | \$19,838 56 |
| School contingent     | . | . | . | 4,077 33    |
| Contingent expenses   | . | . | . | 1,237 91    |
| Poor, support of      | . | . | . | 5,307 52    |
| Fire Department       | . | . | . | 2,073 71    |
| Cemetery, Wyoming     | . | . | . | 1,762 51    |
| Crossings and gutters | . | . | . | 599 97      |
| Sidewalks             | . | . | . | 2,300 15    |
| Street lights         | . | . | . | 2,930 38    |
| Additional lamps      | . | . | . | 148 60      |
| Valuation, assessors' | . | . | . | 292 50      |
| Second Street         | . | . | . | 460 44      |
| Police                | . | . | . | 1,798 52    |
| Salaries              | . | . | . | 2,720 00    |

*Amount carried forward* . . . \$45,548 10

|                               |  |             |
|-------------------------------|--|-------------|
| <i>Amount brought forward</i> |  | \$45,548 10 |
| Town Hall                     |  | 1,410 48    |
| Damages (for land taken)      |  | 165 85      |
| Essex Street drain            |  | 1,200 00    |
| Summer Street drain           |  | 234 86      |
| State aid                     |  | 608 00      |
| Military aid                  |  | 529 00      |
| Drainage                      |  | 895 31      |
| Boundary line                 |  | 65 00       |
| Hose house, "Wyoming"         |  | 449 75      |
| Public Library                |  | 744 74      |
| Memorial Day                  |  | 200 00      |
| Highways                      |  | 8,666 38    |
| Water Fund                    |  | 18,564 02   |
| High service                  |  | 1,920 00    |

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\$81,201 49

## By paid interest on Water Fund

|                                                      |             |
|------------------------------------------------------|-------------|
| bonds                                                | \$10,720 00 |
| Town Hall bonds                                      | 4,550 00    |
| Notes                                                | 1,755 60    |
| On account of water, use of                          | 2,000 00    |
| Trustees Public Library, dog tax, 1886               | 774 90      |
| High service                                         | 12 00       |
| Water, land purchased                                | 500 00      |
| Cemetery, interest on note to Charles Pratt          | 325 00      |
| Notes, temporary loans                               | 41,500 00   |
| Commissioners, Water Loan Sinking Fund surplus, 1886 | 1,943 19    |
| State tax                                            | 5,895 00    |
| County tax                                           | 2,756 47    |

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72,732 16

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\$153,933 65

Jan. 27. Cash in treasury

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4,472 58

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\$158,406 23

## GEORGE NEWHALL, TREASURER,

*In account with* COMMISSIONERS OF MELROSE WATER LOAN  
SINKING FUND.

## DR.

|                                                                   |            |
|-------------------------------------------------------------------|------------|
| February, 1887. Cash on hand . . . . .                            | \$930 07   |
| To received as surplus from Water Fund for year<br>1886 . . . . . | 1,943 19   |
| To received as interest on bonds and mortgages,                   | 1,363 93   |
| To received as principal on mortgage note . . . . .               | 100 00     |
|                                                                   | <hr/>      |
|                                                                   | \$4,337 19 |

## CR.

|                                                                                |            |
|--------------------------------------------------------------------------------|------------|
| By paid rent for box in safe deposit vault . . . . .                           | \$10 00    |
| For three bonds Melrose water loan, Nos. 4, 5<br>and 6 issue of 1887 . . . . . | 3,000 00   |
| Premium and accrued interest on above . . . . .                                | 170 00     |
|                                                                                | <hr/>      |
|                                                                                | \$3,180 00 |
| February, 1888. Cash deposited in Melrose Sav-<br>ings Bank . . . . .          | 1,157 19   |
|                                                                                | <hr/>      |
|                                                                                | \$4,337 19 |

## AUDITORS' REPORT.

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We have examined the books of the treasurer for the year ending Jan. 27, 1888, and find them correct, and correct vouchers for all expenditures.

The balance of "cash on hand" we find deposited in the Everett National Bank, Boston.

We examined the books connected with the Water Department, and find them correctly kept.

We have also examined the accounts of the treasurer of the Public Library, and find them correctly kept, with accompanying vouchers.

FRANK E. ORCUTT,  
JOHN R. NORTON,  
WALTER I. NICKERSON,

*Auditors.*

## ASSESSORS' REPORT.

FOR YEAR 1887.

|                                               |        |
|-----------------------------------------------|--------|
| No. of inhabitants . . . . .                  | 7,073  |
| *children from five to fifteen years of age . | 1,256  |
| dwellings . . . . .                           | 1,580  |
| horses . . . . .                              | 466    |
| cows . . . . .                                | 187    |
| oxen . . . . .                                | 2      |
| dogs . . . . .                                | 460    |
| swine . . . . .                               | 157    |
| acres of land taxed, about . . . . .          | 2,700  |
| " " " exempted, about . . . . .               | 4      |
| " " " belonging to town, about . . . . .      | 34     |
| " " " steam-boilers . . . . .                 | 20     |
| " " " horse-power . . . . .                   | 1,125½ |

## Amount of appropriations : —

|                   |            |
|-------------------|------------|
| town . . . . .    | \$72,350 5 |
| State . . . . .   | 5,895 00   |
| county . . . . .  | 2,756 47   |
| overlay . . . . . | 1,414 56   |

Total levy . . . . . \$82,416 53

Rate, \$14.00 per \$1,000.

\* In 1886 report read 1,171, instead of 1,356.

Assessed as follows : —

|                                                         |             |          |    |
|---------------------------------------------------------|-------------|----------|----|
| 1,994 polls, at \$2.00 each                             |             | \$3.988  | co |
| Buildings                                               | \$3,075,925 | 00       |    |
| Land                                                    | 2,096,025   | 00       |    |
| Real estate                                             | \$5,171,950 | 00       |    |
| Personal estate                                         | 430,088     | 00       |    |
| Total valuation                                         | \$5,602,038 | 00       |    |
| Tax on real estate                                      |             | 72,407   | 30 |
| “ “ personal estate                                     |             | 6,021    | 23 |
| Total tax, and amount of warrant committed to collector |             | \$82,416 | 53 |
| Additional assessments                                  |             | 75       | 85 |
|                                                         |             | \$82,492 | 38 |
| Less abatements                                         |             | 226      | 63 |
| Net amount to Jan. 1, 1888                              |             | \$82,265 | 75 |
| On which there has been collected                       | \$53,384    | 43       |    |
| And interest                                            | 115         | 57       |    |
|                                                         |             | \$53,500 | 00 |

#### ABATEMENTS ON 1887.

|                      |     |    |                   |     |          |
|----------------------|-----|----|-------------------|-----|----------|
| Mrs. Jennie Upham    | \$5 | 95 | James Hunting     | \$0 | 70       |
| Mrs. Esther Morcomb  | 1   | 00 | F. H. Merrill     | 2   | 10       |
| Mrs. Lyman Elmes     | 7   | 00 | John Gray         | 7   | 00       |
| Mrs. Lucy A. Barrett | 5   | 25 | Isaac Emerson     | 2   | 80       |
| Mrs. Zilpha Butler   | 6   | 10 | Thomas Keating    | 4   | 65       |
| Mrs. Ann Collegan    | 5   | 03 | E. D. Cecca & Co. | 5   | 25       |
| Mrs. Rupert Everton  | 3   | 50 | D. F. Stearns     | 3   | 50       |
| Mrs. C. W. Clinckard | 7   | 10 | Henry Hunt        | 9   | 50       |
| Miss S. A. Cooper    | 2   | 10 | B. M. Fernald     | 7   | 00       |
| Miss Mary R. Prince  | 6   | 95 | S. D. Taylor      | 10  | 70       |
| Miss Nancy S. Wilson | 2   | 50 | Fred T. Barrows   | 1   | 40       |
| Miss J. Stackpole    | 5   | 20 | Joseph Amrich     | 2   | 00       |
| Misses Wheeler       | 14  | 00 | Abner M. Nelson   | 1   | 40       |
| Misses Conway        | 13  | 60 | A. P. Richardson  | 1   | 00       |
| Estate F. D. Howe    | 2   | 85 |                   |     |          |
| Estate K. L. Tyer    | 70  | 00 |                   |     |          |
| Estate Joseph Grundy | 3   | 50 |                   |     |          |
|                      |     |    |                   |     | \$226 63 |

## FOR YEAR 1886.

|                                                                               |             |
|-------------------------------------------------------------------------------|-------------|
| Net amount of collector's book, Jan. 1, 1887, as<br>per last report . . . . . | \$72,683 62 |
| Less abatements made in 1887 . . . . .                                        | 112 55      |

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\$72,571 07

|                                   |                   |
|-----------------------------------|-------------------|
| On which there has been collected | \$71,805 57       |
| And interest . . . . .            | 1,045 01          |
|                                   | <hr/> \$72,850 58 |

## ABATEMENTS ON 1886, DURING 1887.

|                                |        |                                |          |
|--------------------------------|--------|--------------------------------|----------|
| James Cassell . . . . .        | \$2 00 | Mrs. Mary D. Ellis . . . . .   | \$2 54   |
| E. A. Rowe . . . . .           | 2 00   | Mrs. P. J. Finn . . . . .      | 4 72     |
| F. T. Denton . . . . .         | 2 00   | Mrs. G. A. Faxon . . . . .     | 1 36     |
| M. Cloonan . . . . .           | 2 00   | Mrs. Mary E. Howard . . . . .  | 6 80     |
| John V. Johnstone . . . . .    | 2 00   | Miss Nancy S. Wilson . . . . . | 2 72     |
| John Knight . . . . .          | 2 00   | Estate K. L. Tyer . . . . .    | 68 00    |
| O. B. Cole . . . . .           | 2 00   | Calvin Locke . . . . .         | 1 55     |
| Joseph Edwards . . . . .       | 2 06   |                                |          |
| Jarvis Doucette . . . . .      | 2 00   |                                | \$112 55 |
| Mrs. Mary A. Higgins . . . . . | 6 80   |                                |          |

## FOR YEAR 1885.

|                                                                               |             |
|-------------------------------------------------------------------------------|-------------|
| Net amount of collector's book, Jan. 1, 1887, as<br>per last report . . . . . | \$71,135 52 |
| Less abatements made in 1887 . . . . .                                        | 89 64       |

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\$71,045 88

|                                   |                   |
|-----------------------------------|-------------------|
| On which there has been collected | \$70,320 33       |
| And interest . . . . .            | 1,148 05          |
|                                   | <hr/> \$71,468 38 |

## ABATEMENTS ON 1885, DURING 1887.

|                             |        |                                   |        |
|-----------------------------|--------|-----------------------------------|--------|
| O. B. Cole . . . . .        | \$2 00 | Mrs. Mary F. Howard . . . . .     | \$2 49 |
| Chas F. Valentine . . . . . | 2 00   | Mrs. Locada Critchett . . . . .   | 7 09   |
| Louis Finger . . . . .      | 2 00   | Misses Moody . . . . .            | 11 36  |
| Edward F. Hurley . . . . .  | 2 00   | Estate Jacob Gobel . . . . .      | 5 68   |
| James Higgins . . . . .     | 2 00   | John M. Small . . . . .           | 14 20  |
| E. A. Rowe . . . . .        | 2 00   | Henry M. Small . . . . .          | 14 20  |
| J. V. Johnstone . . . . .   | 2 00   | Miss Cynthia Howard . . . . .     | 6 39   |
| Bradford Torrey . . . . .   | 2 00   | Estate Miss Sally Upham . . . . . | 9 23   |
| A. P. Richardson . . . . .  | 1 00   |                                   |        |
| Fred. Kilcup . . . . .      | 2 00   |                                   | \$89   |



## FOR YEAR 1884.

|                                                |                   |
|------------------------------------------------|-------------------|
| Net amount of collector's book, Jan. 1, 1887,  |                   |
| as per last report . . . . .                   | \$64,399 89       |
| Less abatements made in 1887 . . . . .         | 176 41            |
| Net amount Jan. 1, 1888 . . . . .              | \$64,223 48       |
| On which there has been collected, \$63,930 30 |                   |
| And interest . . . . .                         | 997 18            |
|                                                | <hr/> \$64,927 48 |

## ABATEMENTS ON 1884, DURING 1887.

|                                 |                                  |
|---------------------------------|----------------------------------|
| Henry Anderson . . . . \$2 00   | Alfred H. Knowles . . . . \$2 00 |
| Daniel Ahern . . . . 2 00       | Thos. H. H. Knight . . . . 2 00  |
| Stephen O. Anthony . . . . 2 00 | John Knight . . . . 2 00         |
| Charles A. Brown . . . . 2 00   | Alexander Kennedy . . . . 2 00   |
| Richard Brown . . . . 2 00      | Michael Kiernan . . . . 2 00     |
| Frank A. Blisten . . . . 2 00   | Thos. Killion . . . . 2 00       |
| Edward Bryant . . . . 2 00      | Henry Knight . . . . 2 00        |
| Geo. S. Church . . . . 2 00     | John Leonard . . . . 2 00        |
| George Clinton . . . . 2 00     | Henry B. Lunt . . . . 2 00       |
| Winfield Crowley . . . . 2 00   | George Littlefield . . . . 2 00  |
| Chas. E. Critchett . . . . 2 00 | Miles Mayall . . . . 2 00        |
| Daniel Callahan . . . . 2 00    | James Macey . . . . 2 00         |
| Clarence Crowley . . . . 2 00   | L. B. Merrill . . . . 2 00       |
| John Donovan . . . . 2 00       | L. K. Munn, Jr. . . . 2 00       |
| Patrick Drew . . . . 2 00       | Thos. Mahan, Jr. . . . 2 00      |
| Geo. W. Ellison . . . . 2 00    | John M. Murray . . . . 2 00      |
| Archibald Elmes . . . . 2 00    | P. Martin . . . . 2 00           |
| David Flynn . . . . 2 00        | John McDonald . . . . 2 00       |
| Robert Fleming . . . . 2 00     | Ed. McCussick . . . . 2 00       |
| Chas. M. Grover . . . . 2 00    | John Maguire . . . . 2 00        |
| Frank J. Gillin . . . . 2 00    | Horace Meacom . . . . 2 00       |
| Edward F. Hurley . . . . 2 00   | Peter McLaughlin . . . . 2 00    |
| Wm. P. Hunter . . . . 2 00      | Hiram Mace . . . . 4 41          |
| John Hurschman . . . . 2 00     | Thos. Miller . . . . 2 00        |
| Joseph Hebelwaite . . . . 2 00  | Geo. W. Mackintire . . . . 2 00  |
| W. Holthowys . . . . 2 00       | Daniel McKenney . . . . 2 00     |
| James Hurley . . . . 2 00       | Frank J. Norton . . . . 2 00     |
| L. F. Hartwell . . . . 2 00     | George S. Nutting . . . . 2 00   |
| Henry Holstein . . . . 2 00     | Milton Noyes . . . . 2 00        |
| G. H. M. Hersey . . . . 2 00    | Oscar Norrby . . . . 2 00        |
| Daniel Holland . . . . 2 00     | George R. Noyes . . . . 2 00     |
| Nath'l Jernegan . . . . 2 00    | John C. Pike . . . . 2 00        |
| William Johnston . . . . 2 00   | V. R. Prentice . . . . 2 00      |

|                           |        |                        |          |
|---------------------------|--------|------------------------|----------|
| Clarence W. Rowland . . . | \$2 00 | Edward H. Young . . .  | \$2 00   |
| J. H. Riley . . .         | 2 00   | John D. Young . . .    | 2 00     |
| Albert H. Stevens . . .   | 2 00   | Nathan Pratt . . .     | 2 00     |
| Wm. H. Taylor . . .       | 2 00   | T. Creaden, Sen. . .   | 2 00     |
| John Todd . . .           | 2 00   | Daniel Donnovan . . .  | 2 00     |
| John Whowell . . .        | 2 00   | Chas. H. Burnham . . . | 2 00     |
| Joseph B. Waldron . . .   | 2 00   | Herbert Dunham . . .   | 2 00     |
| Cornelius Warren . . .    | 2 00   | John Heney . . .       | 2 00     |
| Duncan Wares . . .        | 2 00   | H. G. Holthaus . . .   | 2 00     |
| Albert Watkins . . .      | 2 00   |                        |          |
| Edward F. Ward . . .      | 2 00   |                        |          |
| Edward White . . .        | 2 00   |                        |          |
|                           |        |                        | <hr/>    |
|                           |        |                        | \$176 41 |

## FOR YEAR 1883.

|                                               |             |
|-----------------------------------------------|-------------|
| Net amount of collector's book, Jan. 1, 1887, |             |
| as per last report . . . . .                  | \$62,878 02 |
| Less abatements made in 1887 . . . . .        | 114 72      |
|                                               | <hr/>       |
| Net amount Jan. 1, 1888 . . . . .             | \$62,763 30 |
| On which there has been collected             | \$62,487 55 |
| And interest . . . . .                        | 1,009 68    |
|                                               | <hr/>       |
|                                               | \$63,497 23 |

## ABATEMENTS ON 1883, DURING 1887.

|                          |        |                         |        |
|--------------------------|--------|-------------------------|--------|
| James S. Arthur . . .    | \$2 00 | Wm. E. Duplin . . .     | \$2 00 |
| Jeremiah Allen . . .     | 2 00   | Fred L. Denton . . .    | 2 00   |
| George Andrews . . .     | 2 00   | Clement L. Eaton . . .  | 2 00   |
| Frank A. Blisten . . .   | 2 00   | Wm. H. Edwards . . .    | 2 00   |
| John M. Barnard . . .    | 2 00   | John C. Fernald . . .   | 2 00   |
| Charles Bowers . . .     | 2 00   | Geo. W. Grover . . .    | 2 00   |
| James Bond . . .         | 2 00   | Geo. W. Grover, Jr. . . | 2 00   |
| Frank Brown . . .        | 2 00   | George W. Goss . . .    | 2 00   |
| Chas. H. Burnham . . .   | 1 00   | H. G. Holthaus . . .    | 2 00   |
| Asa O. Butman . . .      | 2 00   | Wm. P. Hunter . . .     | 2 00   |
| John T. Bagley . . .     | 2 00   | Walter H. Hayden . . .  | 2 00   |
| Rufus H. Bartlett . . .  | 2 00   | Martin Haley . . .      | 2 00   |
| Chas. A. Brown . . .     | 1 00   | John Hurschman . . .    | 2 00   |
| George Clinton . . .     | 2 00   | John Harvey . . .       | 2 00   |
| Horace S. Clay . . .     | 2 00   | Nath'l Jernegan . . .   | 2 00   |
| Edward G. Chandler . . . | 2 00   | Wm. Johnson . . .       | 2 00   |
| Patrick Drew . . .       | 2 00   | Henry B. Lunt . . .     | 2 00   |
| Wm. Dolphin . . .        | 2 00   | James Macey . . .       | 2 00   |
| Jeremiah Doherty . . .   | 2 00   | L. K. Munn, Jr. . .     | 2 00   |

|                              |        |                            |          |
|------------------------------|--------|----------------------------|----------|
| Dennis Mahoney . . . .       | \$2 00 | Geo. W. Wyman, Jr. . . .   | \$2 00   |
| Thos. Mahan, Jr. . . .       | 1 00   | Wm. Washburn . . . .       | 2 00     |
| Fred S. Norcross . . . .     | 2 00   | Fernando Wood . . . .      | 1 00     |
| Frank J. Norton . . . .      | 2 00   | Edward F. Ward . . . .     | 2 00     |
| John Ripley . . . .          | 2 00   | George Ward . . . .        | 2 00     |
| Joseph Rogers . . . .        | 2 00   | Cornelius Warren . . . .   | 1 00     |
| Albert H. Stevens . . . .    | 2 00   | James Whea on . . . .      | 2 00     |
| F. W. Stewart . . . .        | 2 00   | James Willis . . . .       | 2 00     |
| Isaac L. Slocumb . . . .     | 2 00   | Geo. W. Adams . . . .      | 2 00     |
| Chas. I. Trowbridge, Jr. . . | 1 00   | Mrs. Susan B. Bailey . . . | 2 72     |
| Wm. H. Taylor . . . .        | 2 00   |                            |          |
| Hemon S. Virgin . . . .      | 2 00   |                            |          |
|                              |        |                            | <hr/>    |
|                              |        |                            | \$114 72 |

## FOR YEAR 1882.

|                                                                               |             |
|-------------------------------------------------------------------------------|-------------|
| Net amount of collector's book, Jan. 1, 1887, as<br>per last report . . . . . | \$57,615 03 |
| Less abatements made in 1887 . . . . .                                        | 129 81      |
|                                                                               | <hr/>       |
| Net amount Jan. 1, 1888 . . . . .                                             | \$57,485 22 |
| On which there has been collected                                             | \$57,280 51 |
| And interest . . . . .                                                        | 919 56      |
|                                                                               | <hr/>       |
|                                                                               | \$58,200 07 |

## ABATEMENTS ON 1882, DURING 1887.

|                           |        |                           |        |
|---------------------------|--------|---------------------------|--------|
| Henry Anderson . . . .    | \$2 00 | Patrick Drew . . . .      | \$2 37 |
| Stephen O. Anthony . . .  | 2 00   | Jeremiah Doherty . . .    | 2 00   |
| James E. Alden . . . .    | 2 00   | George W. Ellison . . .   | 2 00   |
| John C. Arthur . . . .    | 2 00   | Isaac Fitzgerald . . .    | 2 00   |
| James S. Arthur . . . .   | 2 00   | John H. Fowkes . . . .    | 2 00   |
| Clarence J. Backer . . .  | 2 00   | Chas. A. Frazer . . . .   | 2 00   |
| George E. Bodge . . . .   | 2 00   | Chas. M. Grover . . . .   | 2 00   |
| Louis Berg . . . .        | 1 00   | Geo. W. Grover Jr., . . . | 2 00   |
| John M. Barnard . . . .   | 2 00   | Geo. W. Grover . . . .    | 2 00   |
| Charles Bowers . . . .    | 2 00   | Geo. W. Goss . . . .      | 2 00   |
| James Bond . . . .        | 2 00   | John Heney . . . .        | 2 00   |
| Chas. H. Burnham . . . .  | 2 00   | Calvin Hersom . . . .     | 2 00   |
| Willie A. Coburn . . . .  | 2 00   | Matthew Hall . . . .      | 2 37   |
| George Clinton . . . .    | 2 00   | H. G. Holthaus . . . .    | 2 00   |
| Chas. T. Chaffing . . . . | 2 00   | Nath M. Jernegan . . .    | 2 00   |
| Arthur Langley . . . .    | 2 00   | Thos. Kendall . . . .     | 2 00   |
| Edward Leathe . . . .     | 2 00   | Horace D. Loring . . .    | 2 00   |
| John T. Mortlock . . . .  | 2 00   | Israel Lovett . . . .     | 2 00   |
| A. J. Griffin . . . .     | 2 00   | B. Johnson . . . .        | 2 00   |

## ASSESSORS' REPORT.

|                           |        |                              |                |
|---------------------------|--------|------------------------------|----------------|
| Fred W. Norton . . .      | \$2 00 | Asa H. Thayer . . .          | \$3 11         |
| Nathan Pratt . . .        | 2 00   | Chas. I. Trowbridge, Jr. . . | 2 00           |
| Chas. H. Richardson . . . | 2 00   | Albert M. Todd . . .         | 4 96           |
| Wm Rudolph . . .          | 2 00   | Daniel Thompson . . .        | 2 00           |
| David Russell . . .       | 2 00   | Wm. G. Taylor . . .          | 2 00           |
| Eugene H. Russell . . .   | 2 00   | James Vaughan . . .          | 2 00           |
| John Ripley . . .         | 2 00   | James Willis . . .           | 2 00           |
| John A. Sargent . . .     | 2 00   | Edward Wright . . .          | 2 00           |
| R. E. Scruggins . . .     | 2 00   | Wm. Washburn . . .           | 2 00           |
| Lyman Skelton . . .       | 2 00   | Edward H. Young . . .        | 2 00           |
| Wm. R. Stearns . . .      | 2 00   | Joseph Phipps, Jr. . .       | 2 00           |
| Fred Spofford . . .       | 2 00   |                              |                |
| Wm. Strache . . .         | 2 00   |                              |                |
| Henry F. Thomas . . .     | 2 00   |                              |                |
|                           |        |                              | <hr/> \$129 81 |

## FOR YEAR 1881.

|                                                                               |                   |
|-------------------------------------------------------------------------------|-------------------|
| Net amount of collector's book, Jan. 1, 1887, as<br>per last report . . . . . | \$53,888 10       |
| Less abatements made in 1887 . . . . .                                        | 12 00             |
|                                                                               | <hr/>             |
| Net amount Jan. 1, 1888 . . . . .                                             | \$53,876 10       |
| On which there has been collected                                             | \$53,788 17       |
| And interest . . . . .                                                        | 835 92            |
|                                                                               | <hr/> \$54,624 09 |

## ABATEMENTS ON 1881, DURING 1887.

|                          |        |                       |               |
|--------------------------|--------|-----------------------|---------------|
| Stephen O. Anthony . . . | \$2 00 | John B. Jenkins . . . | \$2 00        |
| Louis Berg . . .         | 2 00   | Geo. B. Sargent . . . | 2 00          |
| James C. Case . . .      | 2 00   |                       |               |
| Nath'l Jernegan . . .    | 2 00   |                       |               |
|                          |        |                       | <hr/> \$12 00 |

GEORGE C. STANTIAL,  
GEORGE F. BOARDMAN,  
MOSES BRIGGS,

*Assessors of Melrose for 1887.*

## COLLECTORS' REPORTS.

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### STATEMENT OF TAXES FOR YEAR 1887.

|                                                                         |             |
|-------------------------------------------------------------------------|-------------|
| Amount of warrant and tax list received from<br>the assessors . . . . . | \$82,416 53 |
| Additional assessments . . . . .                                        | 75 85       |
|                                                                         | <hr/>       |
|                                                                         | \$82,492 38 |
| Abatements in 1887 (see assessors' report) . . . . .                    | 226 63      |
|                                                                         | <hr/>       |
|                                                                         | \$82,265 75 |
| Interest collected . . . . .                                            | 115 57      |
|                                                                         | <hr/>       |
|                                                                         | \$82,381 32 |
| Cash paid treasurer in 1887 . . . . .                                   | 53,500 00   |
|                                                                         | <hr/>       |
| Balance unpaid Jan. 1, 1888 . . . . .                                   | \$28,881 32 |

MOSES F. EASTMAN,  
*Collector for 1887.*

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### STATEMENT OF TAXES FOR YEAR 1886.

|                                                            |             |
|------------------------------------------------------------|-------------|
| Balance unpaid Jan. 1, 1887, as per last report, . . . . . | \$28,245 11 |
| Abatements in 1887 (see assessors' report) . . . . .       | 112 55      |
|                                                            | <hr/>       |
|                                                            | \$28,132 56 |
| Interest collected in 1887 . . . . .                       | 983 52      |
|                                                            | <hr/>       |
| <i>Amount carried forward . . . . .</i>                    | \$29,116 08 |

|                                |   |   |   |             |
|--------------------------------|---|---|---|-------------|
| <i>Amount brought forward.</i> | . | . | . | \$29,116 08 |
| Cash paid treasurer in 1887    | . | . | . | 28,350 58   |
|                                |   |   |   | <hr/>       |
| Balance unpaid Jan. 1, 1883    | . | . | . | \$765 50    |

MOSES F. EASTMAN,

*Collector for 1886.*

STATEMENT OF TAXES FOR YEAR 1885.

|                                                 |   |            |
|-------------------------------------------------|---|------------|
| Balance unpaid Jan. 1, 1887, as per last report | . | \$2,379 00 |
| Abatements in 1887 (see assessors' report)      | . | 89 64      |
|                                                 |   | <hr/>      |
|                                                 |   | \$2,289 36 |
| Interest collected in 1887                      | . | 204 57     |
|                                                 |   | <hr/>      |
|                                                 |   | \$2,493 93 |
| Cash paid treasurer in 1887                     | . | 1,768 38   |
|                                                 |   | <hr/>      |
| Balance unpaid Jan. 1, 1888                     | . | \$725 55   |

MOSES F. EASTMAN,

*Collector for 1885.*

STATEMENT OF TAXES FOR YEAR 1884.

|                                                 |   |          |
|-------------------------------------------------|---|----------|
| Balance unpaid Jan. 1, 1887, as per last report | . | \$469 59 |
| Abatements in 1887 (see assessors' report)      | . | 176 41   |
|                                                 |   | <hr/>    |
| Balance unpaid Jan. 1, 1888                     | . | \$293 18 |

LEWIS G. COBURN,

*Collector for 1884.*

STATEMENT OF TAXES FOR YEAR 1883.

|                                                 |   |          |
|-------------------------------------------------|---|----------|
| Balance unpaid Jan. 1, 1887, as per last report | . | \$390 47 |
| Abatements in 1887 (see assessors' report)      | . | 114 72   |
|                                                 |   | <hr/>    |
| Balance unpaid Jan. 1, 1888                     | . | \$275 75 |

JONATHAN C. HOWES,

*Collector for 1883.*

## STATEMENT OF TAXES FOR YEAR 1882.

|                                                           |          |
|-----------------------------------------------------------|----------|
| Balance unpaid Jan. 1, 1887, as per last report . . . . . | \$334 52 |
| Abatements in 1887 (see assessors' report) . . . . .      | 129 81   |
|                                                           | <hr/>    |
| Balance unpaid Jan. 1, 1888 . . . . .                     | \$204 71 |

JONATHAN C. HOWES,  
*Collector for 1882.*

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## STATEMENT OF TAXES FOR YEAR 1881.

|                                                           |         |
|-----------------------------------------------------------|---------|
| Balance unpaid Jan. 1, 1887, as per last report . . . . . | \$99 93 |
| Abatements in 1887 (see assessors' report) . . . . .      | 12 00   |
|                                                           | <hr/>   |
| Balance unpaid Jan. 1, 1888 . . . . .                     | \$87 93 |

JONATHAN C. HOWES,  
*Collector for 1881.*



## REPORT OF ENGINEERS.

*To the Honorable Board of Selectmen :*

We herewith submit the following as the report of the Fire Department for the year ending Dec. 31, 1887.

The department consists of fifty-six men, who have in their care three hose carriages, one hook-and-ladder truck, and 4,350 feet of hose, all of which are in good repair.

During the past year the department has been called out nine times to fires, in the following buildings :—

|      |     |                                               | Loss.            | PAID<br>INSURANCE. | TOTAL<br>LOSS.   |
|------|-----|-----------------------------------------------|------------------|--------------------|------------------|
| Jan. | 7.  | G. W. Chipman, house . .                      | \$2,650 00       | \$2,650 00         |                  |
| "    | "   | Isaac Bazonson, furniture .                   | 173 00           | 173 00             |                  |
| "    | "   | George Bazonson, " .                          | 560 00           | 560 00             |                  |
| "    | "   | G. W. Thompson, " .                           | 37 50            | 37 50              |                  |
| "    | "   | George Bazonson, provision<br>dealer . . . .  | 37 60            | 37 60              |                  |
| "    | "   | C. C. Ames, groceries . .                     | 850 00           | 850 00             |                  |
| "    | "   | Miss Upham, dry goods .                       | 200 00           | 132 28             | 67 72            |
| "    | 21. | Mrs. A. M. Aldrich, stable,<br>slight fire.   |                  |                    |                  |
| Feb. | 4.  | R. H. Mohr, house, slight fire.               |                  |                    |                  |
| "    | 22. | J. Maguire, " " "                             |                  |                    |                  |
| Mar. | 9.  | O. F. Ingalls, moulding mill,<br>slight fire. |                  |                    |                  |
| Apr. | 16. | A. Moseley, house . . . .                     | 471 00           | 471 00             |                  |
| "    | "   | G. E. Thomas, slight fire.                    |                  |                    |                  |
| "    | "   | J. E. Lang . . . . .                          | 150 00           |                    | 150 00           |
| June | 8.  | J. C. Ingalls, house, slight fire.            |                  |                    |                  |
| July | 29. | Mrs. C. E. Cox, house . .                     | 250 00           | 175 00             | 75 00            |
| "    | "   | O. Emerson, furniture . .                     | 100 00           | 100 00             |                  |
| "    | "   | Mrs. Mattoon, furniture .                     | 300 00           | 300 00             |                  |
| Dec. | 24. | Mrs. E. M. Woodward . .                       | 2,000 00         | 1,000 00           | 1,000 00         |
| "    | "   | Charles Jones, furniture .                    | 300 00           |                    | 300 00           |
| "    | "   | T. D. Bayne, furniture . .                    | 900 00           | 650 00             | 250 00           |
|      |     |                                               | <hr/> \$8,979 10 | <hr/> \$7,136 38   | <hr/> \$1,842 72 |

We recommend, for repairs and running expenses of the department for the ensuing year, an appropriation of \$2,000.

Respectfully submitted,

A. W. LYNDE,

W. B. ELLIS,

JOHN SINGER, JR.,

*Engineers of Fire Department.*

## REPORT OF WATER COMMISSIONERS

### FOR THE YEAR 1887.

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*To the Town of Melrose :*

In compliance with an Act of the Legislature passed April 2, 1870, the Melrose Water Board has the honor of submitting their eighteenth annual report, together with the report of the superintendent, to which we call your attention as containing a detailed statement of the operations of the Water Department for the year ending Dec. 31, 1887.

In accordance with a vote passed by the town, at a meeting held April 12, 1887, we have erected a residence for the engineer at the pumping station, under the direction of Mr. J. S. Eastman, architect, and by contract with Mr. William Morss, builder. The services of both architect and builder have given entire satisfaction to your commissioners.

The experience of the last year in manufacturing our own pipe at the shop on Winthrop Street has demonstrated that we can make a better quality of pipe and at much less price than can be bought in the market. We have rented an additional building to give us increased facilities for manufacturing, and for storage of pipe, cement, and tools.

In connection with Malden and Medford, surveys have been made of the pond and its borders, with a view of improving the same.

Your commissioners recommend an appropriation for the coming year as follows:—

For hydrants, Town Hall, schoolhouses, engine and hose houses, ornamental and drinking fountains, the sum of \$3,000.

## FINANCIAL.

|                                                                 |              |
|-----------------------------------------------------------------|--------------|
| Cost of water works to Jan. 1, 1887 . . . . .                   | \$240,969 14 |
| Cost of construction, as per report of superintendent . . . . . | 9,316 42     |
| Cost of engineer's house at pumping station . . . . .           | 2,596 66     |
| High service bills estimated, but unpaid Jan. 1, 1887 . . . . . | 60 00        |
|                                                                 | <hr/>        |
| Cost of water works to Jan. 1, 1888 . . . . .                   | \$252,942 22 |

## INTEREST ACCOUNT.

|                                                           |             |
|-----------------------------------------------------------|-------------|
| April 1, Paid coupons on \$50,000 . . . . .               | \$1,500 00  |
| June 1, " " " 37,000 . . . . .                            | 740 00      |
| July 1, " " " 100,000 . . . . .                           | 3,000 00    |
| Oct. 1, " " " 50,000 . . . . .                            | 1,500 00    |
| Nov. 1, " " " 37,000 (issue of 1885), . . . . .           | 740 00      |
| Nov. 1, Paid coupons on 12,000 (issue of 1887), . . . . . | 240 00      |
| 1888. Jan. 1, Paid coupons on \$100,000 . . . . .         | 3,000 00    |
|                                                           | <hr/>       |
|                                                           | \$10,720 00 |

## RECEIPTS.

|                                               |                    |
|-----------------------------------------------|--------------------|
| From town of Melrose, use of water, . . . . . | \$2,000 00         |
| " water rates . . . . .                       | 19,169 99          |
| " pipe account . . . . .                      | 1,222 32           |
| " stock sold . . . . .                        | 154 55             |
| " return premium on insurance, . . . . .      | 28 36              |
|                                               | <hr/>              |
|                                               | \$22,575 22        |
|                                               | <hr/>              |
| <i>Amount carried forward . . . . .</i>       | <i>\$22,575 22</i> |

*Amount brought forward* . . . \$22,575 22

## CONTRA.

|                                                               |             |                  |
|---------------------------------------------------------------|-------------|------------------|
| Paid on interest account . . .                                | \$10,720 00 |                  |
| Maintenance account, as per report<br>of superintendent . . . | 9,022 94    |                  |
|                                                               | <hr/>       | 19,742 94        |
| Surplus for the year . . .                                    |             | <hr/> \$2,832 28 |

## FURNITURE, STOCK, TOOLS, ETC., ON HAND JAN. 1, 1888.

|                                               |            |
|-----------------------------------------------|------------|
| Office furniture . . .                        | \$647 00   |
| Furniture and fixtures at pumping station . . | 140 10     |
| Machinery and tools of all kinds . . .        | 907 78     |
| Stock for construction . . .                  | 2,601 56   |
| Stock for services and repairs . . .          | 255 22     |
| Horses, carts, etc., in stable . . .          | 687 00     |
|                                               | <hr/>      |
|                                               | \$5,238 66 |

WINGATE P. SARGENT,  
WILBUR D. FISKE,  
JOHN R. JONES,

*Commissioners.*

## REPORT OF SUPERINTENDENT.

*Melrose Water Commissioners :*

GENTLEMEN, — In accordance with the usual custom, I herewith submit to you my annual report, giving in detail the operations of this department, showing the progress and present condition of the works, together with a condensed statement of the receipts and expenditures for the year ending Dec. 31, 1887.

## THE POND.

The following tri-monthly record will show the condition of the pond during the year. The lowest point to which the water has been drawn was Dec. 31, when it stood at  $41\frac{3}{4}$  inches below high-water mark.

## RECORD.

*Rise and fall of Pond in 1887.*

|       |     |                 |        |       |            |       |
|-------|-----|-----------------|--------|-------|------------|-------|
| Jan.  | 1.  | 43              | inches | below | high-water | mark. |
| "     | 10. | 41              | "      | "     | "          | "     |
| "     | 20. | $39\frac{1}{2}$ | "      | "     | "          | "     |
| "     | 3.  | 24              | "      | "     | "          | "     |
| Feb.  | 10. | 16              | "      | "     | "          | "     |
| "     | 20. | 9               | "      | "     | "          | "     |
| "     | 28. | $5\frac{1}{4}$  | "      | "     | "          | "     |
| Mar.  | 10. | 1               | "      | "     | "          | "     |
| "     | 20. | Full pond.      |        |       |            |       |
| "     | 30. | "               | "      |       |            |       |
| April | 10. | "               | "      |       |            |       |
| "     | 20. | "               | "      |       |            |       |
| "     | 30. | "               | "      |       |            |       |
| May   | 10. | "               | "      |       |            |       |

|       |     |                 |                               |   |   |   |   |
|-------|-----|-----------------|-------------------------------|---|---|---|---|
| May   | 20. | $2\frac{3}{4}$  | inches below high-water mark. |   |   |   |   |
| "     | 30. | $4\frac{1}{4}$  | "                             | " | " | " | " |
| June  | 10. | $4\frac{3}{4}$  | "                             | " | " | " | " |
| "     | 20. | $9\frac{1}{4}$  | "                             | " | " | " | " |
| "     | 30. | $11\frac{3}{4}$ | "                             | " | " | " | " |
| July  | 10. | 16              | "                             | " | " | " | " |
| "     | 20. | 19              | "                             | " | " | " | " |
| "     | 30. | $16\frac{3}{4}$ | "                             | " | " | " | " |
| Aug.  | 10. | $19\frac{1}{4}$ | "                             | " | " | " | " |
| "     | 20. | $22\frac{1}{4}$ | "                             | " | " | " | " |
| "     | 30. | $22\frac{3}{4}$ | "                             | " | " | " | " |
| Sept. | 10. | $23\frac{3}{4}$ | "                             | " | " | " | " |
| "     | 20. | $27\frac{1}{4}$ | "                             | " | " | " | " |
| "     | 30. | $30\frac{3}{4}$ | "                             | " | " | " | " |
| Oct.  | 10. | $32\frac{3}{4}$ | "                             | " | " | " | " |
| "     | 20. | $35\frac{1}{2}$ | "                             | " | " | " | " |
| "     | 30. | 37              | "                             | " | " | " | " |
| Nov.  | 10. | $40\frac{1}{2}$ | "                             | " | " | " | " |
| "     | 20. | $39\frac{3}{4}$ | "                             | " | " | " | " |
| "     | 30. | $40\frac{3}{4}$ | "                             | " | " | " | " |
| Dec.  | 10. | $41\frac{3}{4}$ | "                             | " | " | " | " |
| "     | 20. | $38\frac{3}{4}$ | "                             | " | " | " | " |
| "     | 30. | $37\frac{1}{2}$ | "                             | " | " | " | " |

## COMPARATIVE RECORD.

*Showing the lowest points below high-water mark to which the pond has been drawn since 1874.*

1874. — Lowest point, 43 inches, Dec. 7.  
 1875. — Lowest point, 61 inches, Feb. 22. Pond full, June 23. Next lowest point, 33 inches, Nov. 10.  
 1876. — Lowest point, 37 inches, Nov. 6. Pond full, March 25.  
 1877. — Lowest point, 33 inches, Sept. 30. Pond full, March 15.  
 1878. — Lowest point,  $27\frac{1}{2}$  inches, Nov. 13. Pond full, Jan. 15. Pond full, second time, Dec. 14.



1879. — Lowest point, 45 inches, Dec. 20. Pond full and running over at waste-way from Jan. 1 to May 20.
1880. — Lowest point,  $63\frac{1}{4}$  inches, Dec. 30; highest point, May 10; being then 12 inches below high-water mark.
1881. — Lowest point, 65 inches, Jan 8, at which time the water was down to the top of the pipe at the gate-house; commenced pumping, and continued until Jan. 22. The pump was started again Feb. 6, and run until Feb. 13. Pond full and running over from March 22 to April 30. Next lowest point, 32 inches, Dec. 22.
1882. — Lowest point,  $37\frac{1}{2}$  inches, Dec. 21. Pond full and running over at waste-way from March 3 to April 3.
1883. — Lowest point, 82 inches, Dec. 30. The highest point reached was 15 inches below high-water mark, May 30. Commenced pumping Sept. 23, and continued to pump to this time, Dec. 31.
1884. — Lowest point,  $12\frac{1}{2}$  inches, Jan. 1. Pond full and running over from April 16 to May 10. Next lowest point  $40\frac{1}{4}$  inches, Nov. 23.
1885. — Lowest point,  $41\frac{1}{2}$  inches, Oct. 13. The highest point reached was on May 24, when it was  $4\frac{1}{2}$  inches below high-water mark.
1886. — Lowest point 55 inches, Nov. 10. Full pond, running over at water-way from Feb. 14 to April 26.
1887. — Lowest point  $41\frac{3}{4}$  inches, Dec. 10. Full pond from March 20 to May 10.

TABLE SHOWING LEVELS BELOW SPOT POND ROLLWAY.

Surveys made in 1884 by PERCY M. BLAKE, C. E., and  
GEORGE H. BISHOP, C. E.

| Below<br>Rollway. | Feet. |                                                                        |
|-------------------|-------|------------------------------------------------------------------------|
|                   |       | Reservoir 98 feet above rollway.                                       |
| 0.00              |       | Rollway.                                                               |
| 5.61              |       | Lowest point on pipe line between Woodland Avenue and Ravine road.     |
| 22.39             |       | Summit of Ravine road, near spring barrel in ground.                   |
| 83.00             |       | Northwest corner Ravine road and Washington Street.                    |
| 92.20             |       | Intersection of Ravine road and Wyoming Avenue.                        |
| 97.19             |       | Intersection of Trenton Street and Wyoming Avenue.                     |
| 98.53             |       | West rail Boston & Maine Railroad at Wyoming station.                  |
| 0.37              |       | Piazza floor of W. P. Sargent's house on Wyoming Hill.                 |
| 99.62             |       | Intersection Berwick Street and Wyoming Avenue.                        |
| 91.56             |       | Corner of Main and Foster Streets.                                     |
| 86.06             |       | Fall from rollway to top of underpinning of Town Hall.                 |
| 32.00             |       | Sill of lower window of J. O. Norris's house, Cedar Park.              |
| 92.17             |       | Intersection of Main and Essex Streets.                                |
| 41.09             |       | Intersection of Upham Street and Bellevue Avenue.                      |
| 13.78             |       | Sill of Upham Street schoolhouse.                                      |
| 18.00             |       | In front of G. W. Chipman's house on extension of Tremont Street.      |
| 3.00              |       | Top of hill, opposite G. W. Chipman's house.                           |
| 73.00             |       | Track of Boston and Maine Railroad, 100 feet north of Franklin Street. |
| 18.00             |       | Foundation of P. W. Curry's house, Orris Street.                       |
| 3.16              |       | Doleful Pond above Spot Pond, Nov. 13, 1884.                           |

## STREET MAINS.

Pipe has been laid the past year as specified below : 3,280 feet of six-inch ; 4,788 feet of four-inch ; 1,066 feet of two-inch.

TABLE SHOWING LOCATION, SIZE, LENGTH, ETC., OF DISTRIBUTING PIPES LAID IN 1887.

| STREETS.           | LOCATIONS.                 | LENGTH IN FEET OF EACH SIZE. |       |       |       | GATES. | HYDRANTS. | Cost.      |
|--------------------|----------------------------|------------------------------|-------|-------|-------|--------|-----------|------------|
|                    |                            | 6-in.                        | 4-in. | 2-in. | ¾-in. |        |           |            |
| Walton Park.....   | Extended (south) .....     | -                            | 576   | -     | -     | -      | 1         | \$820.00   |
| Mt. Vernon Place.. | From Mt. Vernon (south)..  | -                            | 224   | -     | -     | 1      | -         | 168.00     |
| Wing.....          | From Russell (north).....  | -                            | 375   | -     | -     | 1      | -         | 225.00     |
| Sixth.....         | From First to Second.....  | -                            | 292   | -     | -     | 2      | -         | 204.40     |
| Tenth.....         | From First to Upham.....   | -                            | 419   | -     | -     | 2      | -         | 314.25     |
| Fifth.....         | Extended to First.....     | -                            | 164   | -     | -     | 1      | -         | 123.00     |
| Lebanon.....       | Extended (south).....      | -                            | 220   | -     | -     | 1      | -         | 165.00     |
| Franklin.....      | Extended (west).....       | -                            | 609   | -     | -     | -      | -         | 761.25     |
| Melrose Place..... | From Melrose (south).....  | -                            | 510   | -     | -     | 1      | -         | 331.50     |
| West Hill.....     | From Franklin (north)..... | -                            | 158   | -     | -     | 1      | -         | 158.00     |
| Howard.....        | From Elm (east).....       | -                            | 650   | -     | -     | 1      | 1         | 422.50     |
| Main.....          | Extended (north).....      | -                            | 591   | -     | -     | -      | -         | 443.25     |
| Second.....        | From Sixth (east).....     | 1,060                        | -     | -     | -     | -      | 2         | 1,590.00   |
| First.....         | From Tenth to Sixth.....   | 900                          | -     | -     | -     | 1      | 1         | 900.00     |
| Vinton.....        | To complete circuit.....   | 1,320                        | -     | -     | -     | 1      | -         | 1,188.00   |
| Third.....         | From Fifth (east).....     | -                            | -     | 247   | -     | 1      | -         | 128.00     |
| Cedar Park.....    | Extended (east).....       | -                            | -     | 138   | -     | 1      | -         | 171.00     |
| Tappan.....        | From Maple (south).....    | -                            | -     | 521   | -     | 1      | -         | 212.72     |
| Main.....          | Extended (south).....      | -                            | -     | 160   | -     | -      | -         | 80.20      |
|                    | Service pipes.....         | -                            | -     | -     | 2,023 | -      | -         | 910.35     |
|                    |                            | 3,280                        | 4,788 | 1,066 | 2,023 | 16     | 5         | \$9,316.42 |

## HYDRANTS.

Six new hydrants have been added to the fire service since the last report, viz. :—

One on Walton Park, near the house of C. W. Higgins.

One on Upham Street, west of Tenth Street.

One on Howard Street, near the house of William B. Robinson.

One on First Street, opposite Fifth.

Two on Second Street, one at the junction of Sixth Street, and one near the house of Frank Clement.

Whole number of hydrants, one hundred and twenty-two.

## HYDRANTS RESET.

The following hydrants have been taken out and repaired or replaced with new ones : —

One on Mount Vernon Street has been taken out and replaced with a new one.

One on Essex Street, near the Town Hall, has been taken out and replaced with a new one.

One on Upham Street, near C. W. Parker's, has been replaced with a new one.

One on Green Street, near Short, has been repaired by putting in a new valve.

One on Rowe Street has been replaced with a new one.

One on Linwood Avenue has been taken up, repaired and reset.

One on Upham Street, opposite East Street, has been replaced with a new one.

One on Porter Street, opposite School Street, has been repaired by putting in a new rod and valve.

## GATES SET IN 1887.

Eighteen gates have been added to the pipe lines since the last report, viz. : —

One 6-inch gate on Vinton Street, near Perkins.

One 6-inch gate on First Street, west of Tenth.

One 6-inch gate on Green Street, north of Avon.

One 4-inch gate on Melrose Place, south of Melrose Street.

One 4-inch gate on Lebanon Street, south of Grove.

One 4-inch gate on Wing Street, north of Russell.

One 4-inch gate on Fifth Street, south of First.

Two 4-inch gates on Tenth Street (one south of Upham and one north of First).

Two 4-inch gates on Sixth Street (one south of First Street and one north of Second).

One 4-inch gate on Howard Street, opposite Elm.

One 4-inch gate on West Hill, at junction of Franklin Street.

One 4-inch gate on Mt. Vernon Place, at junction of Mt. Vernon Street.

One 4-inch gate on Elm Street, at junction of Howard.

One 2-inch gate on Third Street, at junction of Fifth.

One 2-inch gate on Tappan Street, at junction of Maple.

One 2-inch gate on Cedar Park.

Five gates have been repaired by putting in new spindles and repacking.

Plans of all the streets and pipe lines (in sections) have been drawn, and all the gates located by measurements, and placed in a book prepared for that purpose.

#### SERVICE PIPES.

Ninety-seven new services have been laid the past season.

Total number of services connected with the mains at the present time is fourteen hundred and twenty-six.

During the past summer, plans have been drawn of all the streets of the town, and ground plans of every house taking water, and all the service boxes located by two converging lines from each house.

All service boxes have been examined and put in good order. The decayed wooden boxes removed and replaced with iron.

#### TABLE OF SERVICE PIPES.

|                                                        |   |             |
|--------------------------------------------------------|---|-------------|
| $\frac{3}{4}$ inch pipe from main pipe to street line. | . | 2,023 feet. |
| $\frac{3}{4}$ " " " street line to cellar              | . | 2,291 feet. |

#### PUMPING STATION.

The pump at the pumping station has been run very successfully and satisfactorily during the past year by the engineer in charge, and with but trifling expense for repairs, the entire plant being now in the most thorough and perfect working condition.

The driveway to the pumping station has been newly graded

with coarse gravel, walks laid out around the engineer's house and pumping station, and the lawns seeded down.

A drain pipe has been laid across the county road, conveying the water into the adjoining field, that formerly flowed down the driveway.

#### GATE-HOUSE.

The old gate-house used under the gravity system has been thoroughly cleaned, a new floor laid, the gates repaired, the wooden runs for the screens have been removed and replaced with iron. The accumulation of mud around the pipe leading into the gate-house has been removed, and stones placed around the pipe to prevent any obstruction of the water.

#### THE RESERVOIR.

Early in the spring the embankments around the reservoir were graded, and covered with about six inches of fine loam, and sown with grass seed, making in the fall quite a good sod, adding much to the appearance and durability of the banks.

On Oct. 25, the water was drawn from the reservoir and a complete examination made, and every part found to be in excellent condition.

The sides and bottom were thoroughly cleaned by removing the small quantity of sediment and leaves accumulated during the previous year.

Later in the season the lot around the reservoir was cleared up, by removing the stumps and stones, and levelling the grounds.

#### WATER-TAKERS.

|                           |       |
|---------------------------|-------|
| Families . . . . .        | 1,465 |
| Apothecaries . . . . .    | 4     |
| Barber shops . . . . .    | 4     |
| Bakehouses . . . . .      | 2     |
| Blacksmith shop . . . . . | 1     |
| Boarding houses . . . . . | 2     |
| Churches . . . . .        | 7     |



|                                                      |     |
|------------------------------------------------------|-----|
| Carriage shop . . . . .                              | 1   |
| Engine and hose houses . . . . .                     | 4   |
| Fish markets . . . . .                               | 4   |
| Greenhouses . . . . .                                | 6   |
| Hand hose . . . . .                                  | 402 |
| Hydrants . . . . .                                   | 122 |
| Halls . . . . .                                      | 7   |
| Laundry . . . . .                                    | 1   |
| Livery and boarding stables . . . . .                | 3   |
| Manufactories . . . . .                              | 6   |
| Motors. . . . .                                      | 4   |
| Ornamental fountains . . . . .                       | 5   |
| Private stables . . . . .                            | 85  |
| Printing offices . . . . .                           | 2   |
| Public drinking fountains . . . . .                  | 5   |
| Public ornamental fountains . . . . .                | 2   |
| Railroad depots . . . . .                            | 4   |
| Stand-pipes . . . . .                                | 3   |
| Schoolhouses . . . . .                               | 8   |
| Stores and shops . . . . .                           | 36  |
| Truck and cart stables . . . . .                     | 21  |
| Number of water-takers, as per register, 1887, 1,694 |     |
| Number of water-takers, as per register, 1886, 1,553 |     |
| <hr/>                                                |     |
| Increase over 1886 . . . . .                         | 141 |

## RECEIPTS FOR WATER.

*Amount received for Water Rates exclusively.*

|                   |            |
|-------------------|------------|
| 1870-71 . . . . . | \$3,909 29 |
| 1872 . . . . .    | 5,141 84   |
| 1873 . . . . .    | 6,133 88   |
| 1874 . . . . .    | 7,202 31   |
| 1875 . . . . .    | 7,882 85   |
| 1876 . . . . .    | 8,788 93   |
| 1877 . . . . .    | 8,850 45   |
| 1878 . . . . .    | 9,267 95   |



|                |            |
|----------------|------------|
| 1879 . . . . . | \$9,717 13 |
| 1880 . . . . . | 9,823 14   |
| 1881 . . . . . | 10,223 84  |
| 1882 . . . . . | 10,818 84  |
| 1883 . . . . . | 12,826 05  |
| 1884 . . . . . | 13,695 51  |
| 1885 . . . . . | 15,192 79  |
| 1886 . . . . . | 17,300 66  |
| 1887 . . . . . | 19,169 99  |

Estimated income for 1888, \$21,000.

#### MAINTENANCE ACCOUNT, 1887.

|                                                   |                 |
|---------------------------------------------------|-----------------|
| W. D. Fiske, gauge . . . . .                      | \$10 00         |
| Walworth Manufacturing Company, repairs . . . . . | 4 25            |
| A. L. Cutler & Co., varnish . . . . .             | 90              |
| James S. Adams, sketch book . . . . .             | 3 50            |
| Jesse A. Dill, lunch . . . . .                    | 14 50           |
| Frost & Hawes, lanterns . . . . .                 | 10 44           |
| James Marshall, gravel . . . . .                  | 17 20           |
| Alfred Mudge & Son, printing reports . . . . .    | 21 75           |
| W. W. Boardman, horse hire . . . . .              | 46 25           |
| A. W. Lynde, drain pipe . . . . .                 | 27 63           |
| F. H. Tyzer, painting wagon . . . . .             | 21 00           |
| W. A. Burrell, trowels . . . . .                  | 1 40            |
| J. H. Bufford's Sons, printing bonds . . . . .    | 34 00           |
| Frost & Adams, sketch book . . . . .              | 5 02            |
| John Heaton, labor . . . . .                      | 3 88            |
| J. B. Johnson, repairs . . . . .                  | 20 46           |
| Geo. Smith, glass . . . . .                       | 1 50            |
| W. P. Sargent, commissioner . . . . .             | 50 00           |
| W. D. Fiske, commissioner . . . . .               | 50 00           |
| J. R. Jones, commissioner . . . . .               | 50 00           |
| Mrs. P. R. Ellis, rent of stable . . . . .        | 20 00           |
| Town of Melrose, taxes . . . . .                  | 3 50            |
| Expense account, expense . . . . .                | 39 43           |
| <i>Amount carried forward . . . . .</i>           | <u>\$456 61</u> |

|                                                          |          |
|----------------------------------------------------------|----------|
| <i>Amount brought forward . . . . .</i>                  | \$456 61 |
| H. S. Ingalls, iron work . . . . .                       | 1 20     |
| O. E. Drown, services . . . . .                          | 5 50     |
| Lyman & Whyte, stationery . . . . .                      | 1 25     |
| F. W. Hamlin, damages . . . . .                          | 9 00     |
| Davis & Farnum Manufacturing Company,<br>bands . . . . . | 242 36   |
| Asa N. Wheeler, dies . . . . .                           | 32 85    |
| Geo. W. Bartlett, horse keeping . . . . .                | 311 78   |
| J. H. Cunningham, pipe . . . . .                         | 121 20   |
| Charles D. Jones, services . . . . .                     | 56 35    |
| David R. Woodward, repairs . . . . .                     | 2 76     |
| Maurice Reardon, horse collar . . . . .                  | 5 50     |
| Waldo Brothers, clay . . . . .                           | 3 35     |
| Ætna Rubber Mills, mittens and duck . . . . .            | 55 18    |
| Ames Plow Co., tip cart . . . . .                        | 76 13    |
| Addison Lane, shop rent . . . . .                        | 72 00    |
| Thomas McCoubry, repairing tools . . . . .               | 112 41   |
| Perry Brothers, hardware . . . . .                       | 12 07    |
| M. F. Eastman, hay and grain . . . . .                   | 61 54    |
| Wm. Nokes, horses . . . . .                              | 335 00   |
| Edward Wood, analysis . . . . .                          | 20 00    |
| Addison Lane, one half salary . . . . .                  | 500 00   |
| Daniel Norton, canvas . . . . .                          | 6 75     |
| Robert Philpot, teaming . . . . .                        | 97 25    |
| Geo. F. King & Merrill, printing . . . . .               | 4 25     |
| Alden B. Smith, handles . . . . .                        | 8 90     |
| Joseph Edwards, repairs . . . . .                        | 17 92    |
| S. E. Benson, cement . . . . .                           | 55 43    |
| F. McLaughlin, services . . . . .                        | 3 00     |
| Geo. W. Dew, painting . . . . .                          | 43 82    |
| A. & E. Burton, brushes . . . . .                        | 5 00     |
| Geo. H. Kitching, services . . . . .                     | 5 00     |
| H. McDonald, cutting stone . . . . .                     | 33 75    |
| New England News Company, stationery . . . . .           | 3 20     |
| Boston Lead Manufacturing Company, lead pipe, . . . . .  | 78 29    |

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*Amount carried forward . . . . .* \$2,855 60

|                                        |            |
|----------------------------------------|------------|
| <i>Amount brought forward</i>          | \$2,855 60 |
| Joel Atwood, carpenter work            | 20 50      |
| Winckley, Dresser & Co., book          | 7 25       |
| John Edwards, buggy                    | 35 00      |
| Boston Bolt Company, bolts             | 70 84      |
| Bugbee & Barrett, sundries             | 108 74     |
| Harry Stevens, expressing              | 73 13      |
| John Larrabee, sundries                | 10 00      |
| Edson Manufacturing Company, diaphragm | 2 30       |
| M. C. Warren, hardware                 | 4 10       |
| Dodge, Haley & Co., anvil and forge    | 34 00      |
| John Hallahan, files                   | 1 20       |
| C. F. Hastings, drawing book           | 3 05       |
| Dalton & Ingersoll, fittings           | 68 15      |
| M. F. Whitten & Co., machine work      | 12 84      |
| Coffin Valve Company, derrick          | 35 03      |
| A. J. Wilkinson, hardware              | 4 48       |
| Mosler, Bowen & Co., safe              | 149 00     |
| J. Q. A. Avery, tub                    | 1 25       |
| L. B. Wilder & Co., stationery         | 21 90      |
| Westgate & Johnson, insurance          | 15 00      |
| L. T. Freeman, teaming                 | 11 00      |
| Boston Rubber Shoe Company, boots      | 7 50       |
| J. C. Howes, labor and material        | 64 26      |
| Norwich Insurance Company, insurance   | 18 75      |
| American Insurance Company, insurance  | 6 00       |
| David McDonald, bound stones           | 3 75       |
| Whittier Machine Company, valves       | 12 75      |
| Daniel Conway, rent                    | 4 00       |
| Walter C. Stevens, surveying plans     | 15 85      |
| J. H. Gateley, repairing shades        | 2 50       |
| C. F. Churchill, rent                  | 125 00     |
| W. L. Williams, printing               | 96 78      |
| Andrew Maclachlan, harness             | 74 80      |
| Boston and Maine Railroad, freight     | 16 02      |
| J. P. Deering, lumber                  | 56 22      |
| <i>Amount carried forward</i>          | \$4,048 54 |

|                                        |            |
|----------------------------------------|------------|
| <i>Amount brought forward</i>          | \$4,048 54 |
| O. F. Ingalls, wood-work               | 9 33       |
| Gardner & Chandler                     | 2 48       |
| S. E. Benson, coal                     | 1,246 98   |
| John B. Souther, furniture             | 26 00      |
| Matchless Metal Polish Company, polish | 4 00       |
| Leonard & Ellis, oil                   | 51 00      |
| J. H. Gateley, shades                  | 10 80      |
| John M. Wood, lumber                   | 1 43       |
| J. P. Deering, lumber                  | 7 48       |
| William Morss, labor                   | 5 10       |
| Albert B. Franklin, fittings           | 10 81      |
| H. A. Hartley & Co., matting           | 33 38      |
| Thomas Groom & Co., reports            | 12 25      |
| Jenkins Brothers, packing              | 6 08       |
| T. F. Freeman, repairs                 | 1 95       |
| American Steam Gauge Company, tubes    | 5 67       |
| Bugbee & Barrett, sundries             | 15 17      |
| Gould Packing Company, packing         | 19 60      |
| A. M. Gardner, hose                    | 11 40      |
| Knowles Steam Pump Company, valves     | 27 84      |
| M. F. Eastman, coal                    | 36 00      |
| Sherburne & Co., water gauge           | 16 86      |
| E. H. Tarbell, lamp                    | 6 00       |
| C. F. Churchill, salary                | 799 92     |
| Chapman Valve Company, valves          | 45 00      |
| Labor bills                            | 2,560 87   |
|                                        | <hr/>      |
|                                        | \$9,022 94 |

## CONSTRUCTION ACCOUNT.

|                                                          |              |
|----------------------------------------------------------|--------------|
| Cost of water works to Jan. 1, 1887,                     | \$240,969 14 |
| High service bills, estimated but<br>unpaid Jan. 1, 1887 | 60 00        |
|                                                          | <hr/>        |
|                                                          | \$241,029 14 |
| <i>Amount carried forward</i>                            | <hr/>        |
|                                                          | \$241,029 14 |

*Amount brought forward.* . . . \$241,029 14

Expended this year as follows :—

|                                       |          |
|---------------------------------------|----------|
| S. E. Benson, cement . . . . .        | \$865 10 |
| M. F. Eastman, cement . . . . .       | 52 50    |
| Chapman Valve Mfg. Company, gates, .  | 120 78   |
| Boston Lead Manuf. Company, lead .    | 94 37    |
| Geo H. Sampson, forcite powder . .    | 184 19   |
| Parker & Wood, hardware . . . . .     | 70 99    |
| Harry Stevens, expressing . . . . .   | 143 14   |
| Dalton & Ingersoll, stopcocks . . . . | 87 45    |
| Ward & Curley, corporation bands . .  | 116 51   |
| J. C. Howes, labor and material . . . | 32 23    |
| Whittier Machine Company, gates . .   | 44 00    |
| Walworth Mfg. Company, stop boxes .   | 864 50   |
| Somerville Iron Foundry, castings . . | 408 65   |
| Harry Hunt, corporation stops . . .   | 90 68    |
| Charles W. Badger, asphalt varnish .  | 52 15    |
| Fuller, Dana & Fitz, pipe iron . . .  | 817 85   |
| L. B. Rowe, sand . . . . .            | 112 40   |
| Holyoke Hydrant and Iron Company,     |          |
| hydrants . . . . .                    | 143 00   |
| J. H. Cunningham, pipe . . . . .      | 266 20   |
| Osgood & Hart, castings . . . . .     | 8 50     |
| Medford Water Works, pipe . . . . .   | 45 23    |
| Thomas McCoubry, repairing tools . .  | 96 23    |
| Addison Lane, one half salary . . .   | 500 00   |
| M. P. Hood, sand . . . . .            | 17 00    |
| Henry R. Worthington, meter . . . .   | 60 00    |
| Labor bills . . . . .                 | 4,022 77 |
| Engineer's house at pumping station . | 2,596 66 |

11,913 08

Cost of water works to Jan. 1, 1888 . . . \$252,942 22

I have collected, as specified below, for water rates, including \$2,000 appropriated by the town, the sum of \$21,169.99, and from other sources \$1,405.23, making a total of \$22,-

575.22, which sum has been paid to the town treasurer, and for which I hold his receipts.

The following table shows the different classes of water-takers, and the amount paid by each; also the amounts received from other sources:—

|                              |             |             |
|------------------------------|-------------|-------------|
| Received from families . . . | \$16,082 04 |             |
| “ “ stores and shops . . .   | 242 50      |             |
| “ “ manufactories . . .      | 386 00      |             |
| “ “ use of hose . . .        | 1,221 00    |             |
| “ “ stables . . .            | 639 50      |             |
| “ “ motors . . .             | 15 79       |             |
| “ “ meters . . .             | 176 07      |             |
| “ “ greenhouses . . .        | 116 00      |             |
| “ “ halls . . .              | 84 00       |             |
| “ “ fountains . . .          | 27 75       |             |
| “ “ churches . . .           | 57 00       |             |
| “ “ depots . . .             | 86 34       |             |
| “ “ use of stand pipes . . . | 30 00       |             |
| “ “ private school . . .     | 6 00        |             |
|                              | <hr/>       | \$19,169 99 |
| “ “ pipe accounts . . .      | \$1,222 32  |             |
| “ “ stock sold . . .         | 154 55      |             |
| “ “ return premium in-       |             |             |
| surance . . .                | 28 36       |             |
| “ “ town of Melrose . . .    | 2,000 00    |             |
|                              | <hr/>       | 3,405 23    |
|                              |             | <hr/>       |
|                              |             | \$22,575 22 |

Respectfully submitted,

ADDISON LANE,  
*Superintendent.*



## WATER RATES.

## DWELLING-HOUSES.

PER YEAR.

|                                                                                                                                                        |        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Occupied by one family, for the first faucet . . . . .                                                                                                 | \$6 00 |
| For each additional faucet to be used for the same family . . . . .                                                                                    | 2 00   |
| When a house is occupied by more than one family and less than four, one faucet only being used for all, for each family . . . . .                     | 5 00   |
| When a house is occupied by four or more families, and but one faucet is used for all, for each family . . . . .                                       | 4 00   |
| When a house is occupied by more than one family, the highest rates will be charged for each family having water carried into their part of the house. |        |
| For the first water-closet . . . . .                                                                                                                   | 5 00   |
| For each additional water-closet . . . . .                                                                                                             | 3 00   |
| For the first bath-tub . . . . .                                                                                                                       | 5 00   |
| For each additional bath-tub . . . . .                                                                                                                 | 3 00   |

Provided that no private house occupied by one family shall pay more than \$25 per year.

|                                                                              |      |
|------------------------------------------------------------------------------|------|
| For each additional family using either a bath-tub or water-closet . . . . . | 3 00 |
|------------------------------------------------------------------------------|------|

When two faucets are used, one for hot and one for cold water, both emptying into one vessel, but one charge will be made for both.

## BOARDING-HOUSES.

|                                                                |         |
|----------------------------------------------------------------|---------|
| For the first faucet . . . . .                                 | \$10 00 |
| For each additional faucet . . . . .                           | 2 00    |
| For water-closet or bath-tub, when used for boarders . . . . . | 10 00   |
| Other charges as above.                                        |         |



## STORES.

|                                                   |                 |
|---------------------------------------------------|-----------------|
| Occupied as office, shop, or similar purpose, for |                 |
| first faucet . . . . .                            | \$6 00 to 20 00 |
| For each additional faucet . . . . .              | 2 00            |
| For water-closet or urinal . . . . .              | 6 00            |

## STABLES.

|                                     |        |
|-------------------------------------|--------|
| For first horse . . . . .           | \$4 00 |
| For each additional horse . . . . . | 2 00   |
| For first cow . . . . .             | 2 00   |
| For each additional cow . . . . .   | 1 00   |

## LIVERY, CLUB, AND BOARDING STABLES.

|                                     |        |
|-------------------------------------|--------|
| For first horse . . . . .           | \$4 00 |
| For each additional horse . . . . . | 2 00   |

The above includes water for washing carriages.

Where hose is used, \$5.00 additional.

## TRUCK AND CART STABLES.

|                                     |        |
|-------------------------------------|--------|
| For first horse . . . . .           | \$3 00 |
| For each additional horse . . . . . | 1 00   |

The above includes water for washing carriages.

## HOSE.

|                           |                 |
|---------------------------|-----------------|
| For use of hose . . . . . | \$3 00 to 10 00 |
|---------------------------|-----------------|

As may be agreed upon by the water commissioners.

## HOTELS.

|                                                 |        |
|-------------------------------------------------|--------|
| For each bed for boarders and lodgers . . . . . | \$3 00 |
|-------------------------------------------------|--------|

## BATHS.

|                                                   |         |
|---------------------------------------------------|---------|
| For public baths, and for each bath in any hotel, | \$10 00 |
| For water-closet in public bath-houses . . . . .  | 10 00   |

## STEAM-ENGINES.

|                                                                                             |        |
|---------------------------------------------------------------------------------------------|--------|
| For stationary steam-engine working not over<br>ten hours a day, for each horse-power . . . | \$6 00 |
|---------------------------------------------------------------------------------------------|--------|

## BUILDING PURPOSES.

|                                             |        |
|---------------------------------------------|--------|
| For every cask of lime or cement used . . . | \$0 05 |
|---------------------------------------------|--------|

## ORNAMENTAL FOUNTAINS.

Ordinarily used three hours a day for a period  
of not more than four months a year.

|                                             |        |
|---------------------------------------------|--------|
| For a jet of one sixteenth of an inch . . . | \$3 00 |
|---------------------------------------------|--------|

|                                          |      |
|------------------------------------------|------|
| For a jet of one eighth of an inch . . . | 5 00 |
|------------------------------------------|------|

|                                           |      |
|-------------------------------------------|------|
| For a jet of one quarter of an inch . . . | 8 00 |
|-------------------------------------------|------|

To be cut off at the discretion of the superin-  
tendent.

And for all purposes not enumerated in the  
foregoing rates, special contract must be made  
with the water commissioners.

TOTAL AMOUNT AND LOCATION OF MAIN AND DISTRIBUTING PIPES TO  
PRESENT TIME.

| STREETS.                 | FEET OF PIPE. |        |        |       |        |        |       | HYDRANTS. | GATES. |        |       |       |       |       |
|--------------------------|---------------|--------|--------|-------|--------|--------|-------|-----------|--------|--------|-------|-------|-------|-------|
|                          | 16-in.        | 14-in. | 12-in. | 8-in. | 6-in.  | 4-in.  | 2-in. |           | 16-in. | 12-in. | 8-in. | 6-in. | 4-in. | 2-in. |
| Albion.....              |               |        |        |       |        | 477    |       |           |        |        |       |       | 1     | ..    |
| Allen Place.....         |               |        |        |       |        |        | 138   |           |        |        |       |       |       | 1     |
| Ashland.....             |               |        |        |       |        | 1,955  |       | 2         |        |        |       |       | 4     | ..    |
| Auburn.....              |               |        |        |       |        | 372    |       |           |        |        |       |       | 1     | ..    |
| Avon.....                |               |        |        |       |        | 422    |       |           |        |        |       |       | 1     | ..    |
| Baxter.....              |               |        |        |       |        | 484    |       | 1         |        |        |       |       | 1     | ..    |
| Battery Place.....       |               |        |        |       |        |        | 150   |           |        |        |       |       |       | 1     |
| Union.....               |               |        |        |       |        | 530    |       |           |        |        |       |       | 1     | ..    |
| Borneo.....              |               |        |        |       | 924    |        |       | 2         |        |        |       | 1     |       | ..    |
| Bellevue Avenue.....     |               |        |        |       | 410    | 1,000  |       | 2         |        |        |       | 1     | 1     | ..    |
| Belmont.....             |               |        |        |       |        | 376    |       |           |        |        |       |       | 1     | ..    |
| Berwick.....             |               |        |        |       |        | 1,226½ |       | 1         |        |        |       |       | 2     | ..    |
| Brazil.....              |               |        |        |       |        | 1,115  |       | 2         |        |        |       |       | 2     | ..    |
| Cedar Park.....          |               |        |        |       |        | 1,206½ | 595   | 2         |        |        |       |       | 2     | 1     |
| Charles.....             |               |        |        |       |        | 335    |       | 1         |        |        |       |       |       | ..    |
| Chestnut.....            |               |        |        |       |        | 572    |       | 1         |        |        |       |       | 2     | ..    |
| Circuit.....             |               |        |        |       |        | 438    |       |           |        |        |       |       | 2     | ..    |
| Cleveland.....           |               |        |        |       |        | 682    |       | 1         |        |        |       |       | 1     | ..    |
| Cottage.....             |               |        |        |       |        | 1,142  | 193   | 2         |        |        |       |       | 2     | ..    |
| Dell Avenue.....         |               |        |        |       |        | 1,190  |       |           |        |        |       |       | 1     | ..    |
| East.....                |               |        |        |       |        | 534    |       |           |        |        |       |       | 1     | ..    |
| Ellsworth Avenue.....    |               |        |        |       |        |        | 314   |           |        |        |       |       |       | 1     |
| Elm.....                 |               |        |        |       |        | 1,057  |       | 1         |        |        |       |       | 1     | ..    |
| Emerald.....             |               |        |        |       |        | 508    |       | 1         |        |        |       |       | 2     | ..    |
| Emerson Place.....       |               |        |        |       |        |        | 251   |           |        |        |       |       |       | 1     |
| Emerson.....             |               |        |        |       | 1,159½ | 3,987  |       | 6         |        |        | 2     | 4     |       | ..    |
| Essex.....               |               |        |        |       |        | 1,890  |       | 3         |        |        |       |       | 2     | ..    |
| Felton Place.....        |               |        |        |       |        |        | 245   |           |        |        |       |       |       | 1     |
| Fifth.....               |               |        |        |       |        | 934    |       |           |        |        |       |       | 3     | ..    |
| First.....               |               |        |        |       | 1,455  |        |       | 2         |        |        |       | 2     |       | ..    |
| Florence.....            |               |        |        |       |        | 1,340½ |       | 1         |        |        |       |       | 2     | ..    |
| Foster.....              |               |        |        |       | 682    | 1,470½ |       | 2         |        |        |       | 1     | 2     | ..    |
| Franklin.....            |               |        |        |       | 3,155½ | 1,169  |       | 4         |        |        |       | 2     |       | ..    |
| Glen.....                |               |        |        |       |        | 532    |       |           |        |        |       |       | 1     | ..    |
| Goodyear Avenue.....     |               |        |        | 1,235 |        | 398    |       | 4         |        | 2      |       |       |       | ..    |
| Green.....               |               |        |        |       | 2,700  |        |       | 3         |        |        |       | 2     |       | ..    |
| Greenwood.....           |               |        |        |       |        | 353    | 637   | 1         |        |        |       |       |       | 1     |
| Grove.....               |               |        |        |       | 1,865  | 1,669½ |       | 4         |        |        |       | 1     |       | ..    |
| Grundy Place.....        |               |        |        |       |        |        | 202   |           |        |        |       |       |       | 1     |
| Herbert.....             |               |        |        |       |        | 220    | 158½  |           |        |        |       |       | 1     | ..    |
| High.....                |               |        |        |       |        | 376    | 600   | 1         |        |        |       |       | 1     | 1     |
| Highland Avenue.....     |               |        |        |       |        |        | 250   |           |        |        |       |       |       | 1     |
| Hillside Avenue.....     |               |        |        |       |        | 337    | 291   |           |        |        |       |       | 1     | 1     |
| Howard.....              |               |        |        |       |        | 922    | 383   | 1         |        |        |       |       | 2     | ..    |
| Hurd.....                |               |        |        |       |        | 768    |       |           |        |        |       |       | 1     | ..    |
| Irving.....              |               |        |        |       |        | 387    |       |           |        |        |       |       | 1     | ..    |
| Lake Avenue.....         |               |        |        |       |        | 1,230  |       | 1         |        |        |       |       | 2     | ..    |
| Lebanon.....             |               |        |        |       |        | 2,970  |       | 2         |        |        |       |       | 3     | ..    |
| Linden.....              |               |        |        |       |        |        | 200   |           |        |        |       |       |       | 1     |
| Linden Place.....        |               |        |        |       |        |        | 286   |           |        |        |       |       |       | ..    |
| Linwood Av. & Lynde..... |               |        |        |       |        | 2,960  |       | 3         |        |        |       |       | 1     | ..    |
| Main.....                |               |        | 4,010  |       | 3,784  | 1,069  | 447   | 9         | 2      | 2      | 2     | 1     | 1     | ..    |
| Maple and Poplar.....    |               |        |        |       |        | 2,265½ |       | 2         |        |        |       |       | 3     | ..    |
| Melrose.....             |               |        |        |       |        | 2,339½ |       | 2         |        |        |       |       | 3     | ..    |
| Melrose Place.....       |               |        |        |       |        | 510    |       |           |        |        |       |       | 1     | ..    |
| Mt. Vernon.....          |               |        |        |       |        | 551    |       | 1         |        |        |       |       | 1     | ..    |
| Mt. Vernon Place.....    |               |        |        |       |        | 224    |       |           |        |        |       |       | 1     | ..    |
| Myrtle.....              |               |        |        |       |        | 2,230  |       | 3         |        |        |       |       | 6     | ..    |
| Ninth.....               |               |        |        |       |        |        | 255   |           |        |        |       |       |       | 1     |
| Oakland.....             |               |        |        |       |        | 1,161  |       | 1         |        |        |       |       | 1     | ..    |
| Orient.....              |               |        |        |       |        | 440    |       |           |        |        |       |       | 1     | ..    |

TOTAL AMOUNT AND LOCATION OF MAIN AND DISTRIBUTING PIPES TO  
PRESENT TIME. — *Continued.*

| STREETS.                     | FEET OF PIPE. |        |        |       |         |         |        | Hydrants. | GATES. |        |       |       |       |       |
|------------------------------|---------------|--------|--------|-------|---------|---------|--------|-----------|--------|--------|-------|-------|-------|-------|
|                              | 16-in.        | 14-in. | 12-in. | 8-in. | 6-in.   | 4-in.   | 2-in.  |           | 16-in. | 12-in. | 8-in. | 6-in. | 4-in. | 2-in. |
| Orient Place .....           |               |        |        |       |         |         | 184    |           |        |        |       |       |       | 1     |
| Orris .....                  |               |        |        |       |         | 1,120   | 148    |           |        |        |       |       | 3     |       |
| Otis .....                   |               |        |        |       |         |         | 780    |           |        |        |       |       |       |       |
| Panama .....                 |               |        |        |       | 112     |         |        |           |        |        |       |       |       |       |
| Para .....                   |               |        |        |       | 268     |         |        |           |        |        |       |       |       |       |
| Perkins .....                |               |        |        |       |         | 236     |        |           |        |        |       |       | 1     |       |
| Pine .....                   |               |        |        |       |         | 338     |        | 1         |        |        |       |       | 1     |       |
| Pleasant .....               |               |        |        |       |         |         | 1,125  | 1         |        |        |       |       |       | 1     |
| Porter .....                 |               |        |        |       |         | 2,514½  |        | 3         |        |        |       |       | 1     |       |
| Pond to Wyoming Av. 3,810    |               |        |        |       |         |         |        | 2         |        |        |       |       |       |       |
| Pratt .....                  |               |        |        |       |         | 378     |        | 1         |        |        |       |       | 1     |       |
| Prospect Avenue.....         |               |        |        |       |         | 500     |        | 1         |        |        |       |       | 1     |       |
| Pump to intersection ..      |               |        | 3,032  |       |         |         |        | 2         | 2      |        |       |       |       |       |
| Prospect .....               |               |        |        |       |         | 1,026   |        | 1         |        |        |       |       | 1     |       |
| Reservoir .....              | 96            |        |        |       |         |         |        |           |        |        |       |       |       |       |
| Rowe .....                   |               |        |        |       |         | 950     | 552    | 2         |        |        |       |       | 3     | 1     |
| Reservoir to Ravine Rd ..... |               |        | 1,370  |       |         |         |        |           | 2      |        |       |       |       |       |
| Russell .....                |               |        |        |       |         | 448     |        |           |        |        |       |       | 1     |       |
| School .....                 |               |        |        |       |         |         | 495    |           |        |        |       |       |       |       |
| Second .....                 |               |        |        |       | 1,185   |         |        | 3         |        |        |       | 1     |       |       |
| Seventh .....                |               |        |        |       |         |         | 288    |           |        |        |       |       |       | 1     |
| Short and Main.....          |               |        |        |       |         |         | 470½   |           |        |        |       |       |       |       |
| Sixth .....                  |               |        |        |       |         | 292     |        |           |        |        |       |       | 2     |       |
| Stevens Place.....           |               |        |        |       |         | 110     | 216    |           |        |        |       |       |       |       |
| Summer .....                 |               |        |        |       |         | 701     |        | 2         |        |        |       |       | 1     |       |
| Suction .....                |               |        | 250    |       |         |         |        |           |        |        |       |       |       |       |
| Tappan .....                 |               |        |        |       |         |         | 521    |           |        |        |       |       |       | 1     |
| Tenth .....                  |               |        |        |       |         | 419     |        |           |        |        |       |       | 2     |       |
| Third .....                  |               |        |        |       |         | 287     | 247    |           |        |        |       |       | 1     | 1     |
| Tremont .....                |               |        |        |       |         | 3,180   | 500    | 2         |        |        |       |       | 4     | 1     |
| Trenton.....                 |               |        |        |       | 1,233   | 1,331½  |        | 1         |        |        | 2     |       | 2     |       |
| Upham .....                  |               |        |        |       |         | 5,581   |        | 6         |        |        |       |       | 3     |       |
| Vine .....                   |               |        |        |       |         | 691     |        |           |        |        |       |       | 2     |       |
| Vinton .....                 |               |        |        |       | 4,817½  | 436     |        | 7         |        |        | 4     |       |       |       |
| Walnut .....                 |               |        |        |       |         | 187½    |        |           |        |        |       |       | 1     |       |
| Walton Park.....             |               |        |        |       |         | 1,097   |        | 2         |        |        |       |       |       |       |
| Warren .....                 |               |        |        |       |         | 632     |        | 2         |        |        |       |       | 1     |       |
| Washington .....             |               |        |        |       |         | 3,025   |        | 3         |        |        |       |       |       |       |
| Waverly Place .....          |               |        |        |       |         | 690½    |        | 1         |        |        |       |       | 1     |       |
| West Hill .....              |               |        |        |       |         | 158     |        |           |        |        |       |       | 1     |       |
| Wing .....                   |               |        |        |       |         | 375     |        |           |        |        |       |       | 1     |       |
| Willow .....                 |               |        |        |       |         |         | 663    |           |        |        |       |       |       | 1     |
| Winter .....                 |               |        |        |       |         | 241     |        |           |        |        |       |       | 1     |       |
| Winthrop Place.....          |               |        |        |       |         | 520     |        | 1         |        |        |       |       |       |       |
| Winthrop .....               |               |        |        |       |         | 695½    |        |           |        |        |       |       | 2     |       |
| Wyoming Avenue .....         | 3,360         |        |        |       |         | 1,076   |        | 3         | 1      |        |       |       | 1     |       |
| Waste .....                  |               |        |        |       | 55      | 51      |        |           |        |        | 3     |       |       |       |
| Youle .....                  |               |        |        |       |         | 1,655½  |        | 2         |        |        |       |       | 1     |       |
|                              | 7,170         | 96     | 8,752  | 1,235 | 23,805½ | 81,286½ | 11,785 | 122       | 3      | 6      | 2     | 26    | 113   | 23    |

Total length of main and distributing pipes, 25.40 miles.

The following analyses of Spot Pond water were made by Prof. Edward S. Wood, of Harvard College, as specified below : —

Date of reception, April 19, 1887. Free ammonia, 0.0006 ; albuminoid ammonia, 0.0154 ; chlorine, 0.55 ; residue, — fixed, 0.80 ; volatile, 3.70, — total, 4.50 ; hardness,  $\frac{1}{2}$  ; transparency, clear ; color, very slight ; characteristics of ignition, slight blackening ; odor, none ; nitrates, absent by sulphate test.

*Remarks.* — This is a very good water. There is no evidence of injurious contamination. It is suitable for drinking and other domestic purposes, and is an exceptionally soft water.

Date of reception, May 14, 1887. Free ammonia, 0.0004 ; albuminoid ammonia, 0.0212 ; chlorine, 0.50 ; residue, — fixed, 0.60 ; volatile, 3.50, — total, 4.10 ; transparency, clear ; color, slight ; odor, slight, somewhat marshy ; characteristics of ignition, slight blackening ; nitrates, absent by ferrous sulphate test. *Remarks.* — This examination shows an increase of one third in the amount of vegetable matter in Spot Pond water since April 19. There is no evidence of sewage contamination. This increase in vegetable matter may be due to the stirring up of the products of the vegetable decomposition which has been going on all winter at the bottom of the pond, in which case it will soon disappear as the water becomes aerated, — thorough aeration of the water having been prevented when the pond was covered with ice. It also may be due to the fact that vegetation, which sprung up in shallow places during the recent low condition of the pond, is now decomposing rapidly on account of having been covered by a deep layer of water. These products of vegetable decomposition are liable to impart a disagreeable odor and taste to the water, but they do not render it particularly unhealthy. If this latter explanation is the true one, — and it probably is, if there is much shallow flowage, — it would be beneficial to the water, and tend to prevent future trouble, to dredge out the muddy bottom in the shallow places, when the water gets low again during the coming summer.

# REPORT

OF THE

## WATER LOAN SINKING FUND COMMISSIONERS.

MELROSE, Dec. 31, 1887.

The Water Loan Sinking Fund Commissioners present the following report for the year : —

|                                                                                                                      |          |
|----------------------------------------------------------------------------------------------------------------------|----------|
| Cash on hand Jan. 1, 1887, as per last statement rendered . . . . .                                                  | \$930 07 |
| Interest on investments . . . . .                                                                                    | 1,363 93 |
| Received from Water Board, being balance due on surplus income, 1886 . . . . .                                       | 1,943 19 |
| We have bought the past year \$3,000 Melrose Water Bonds, series of 1887, 4's, at 105 and accrued interest . . . . . | 3,180 00 |
| We have on deposit in Melrose Savings Bank, pending investment . . . . .                                             | 1,157 19 |
| We refer to our treasurer's report for a full account of receipts and payments.                                      |          |

The present condition of your sinking fund is as follows : —

|                                                |             |
|------------------------------------------------|-------------|
| Town of Melrose, High Service 4's . . . . .    | \$13,000 00 |
| “ “ “ Water Bonds, series 1887, 4's, . . . . . | 3,000 00    |
| Mortgages on real estate in Melrose . . . . .  | 10,800 00   |
| U. S. Bonds, 4½'s . . . . .                    | 3,500 00    |
| City of Providence 5's . . . . .               | 1,000 00    |
| Cash in Melrose Savings Bank . . . . .         | 1,157 19    |
|                                                | <hr/>       |
|                                                | \$32,457 19 |

Respectfully submitted,

DANIEL RUSSELL,  
JOHN W. FARWELL,  
ROYAL P. BARRY,

*Water Loan Sinking Fund Commissioners.*



## SEVENTEENTH ANNUAL REPORT

OF THE

## TRUSTEES OF THE MELROSE PUBLIC LIBRARY

FOR THE YEAR ENDING DEC. 31, 1887.

The trustees of the public library respectfully present their seventeenth annual report.

We regret to announce the removal from town of our co-trustee, Thomas Bellows Peck, Esq., now a resident of Walpole, N. H.

A quiet and unassuming gentleman of scholarly tastes and habits, with rare judgment in the selection of books, his advice and assistance in the formation of the library were valued and important. His departure from our midst is a loss to the town, and especially to its public library. Before coming to Melrose, he had for many years attended to the purchase of books for the library in Walpole, and it is hoped by all his friends and associates that with renewed health, he may be able to use his rare gifts for the good of the public. It will be necessary for the town to choose his successor, as also a full Board of Trustees, at the March meeting.

The income of the Horatio Nelson Perkins Fund, which has been heretofore devoted to the purchase of the works of Alexander Hamilton, edited by Mr. Lodge, is now set apart to the purchase of the Complete Works of Benjamin Franklin, as compiled and edited by Mr. John Bigelow.

In November, 1887, our fellow-citizen, William Emerson Barrett, Esq., having been chosen to represent the town in



the Legislature, generously presented to the trustees the sum of one hundred dollars as a mark of his appreciation of the value of the public library and reading-room to the people of the town, and especially to the younger portion.

The trustees, acknowledging the gift with pleasure, have prepared a list of books of lasting value, which are to be designated in a fitting manner as purchased with this gift.

"The History of Rome, and of the Roman People," by Victor Duruy, imperial edition, richly illustrated, ten volumes, is the first fruits of this donation. In this particular case, as in other matters, we trust Mr. Barrett may have a good following.

Thomas D. Lockwood, Esq., electrician, now a citizen of Melrose, is not only an inventor of considerable repute, but the author of several books, which, according to the happy custom of resident authors, he has kindly donated to the library. Mr. Lockwood's books now to be found on the library shelves are designated as follows: "Electricity, Magnetism and Electric Telegraphy," "Electrical Measurement and the Galvanometer," and "Practical Information for Telephonists." Another volume, in press, will be issued during the year, and be added to the enlarging list of books written by the citizens of our town.

The reading-room has been patronized generously during the year, and the number of its calls now exceeds ten thousand. A list of the papers and periodicals to be found in this department will repay careful perusal, and is given herewith for the information of the citizens.

*Reading-room.*

*Donors.*

American Naturalist.

Atlantic Monthly Magazine.

American Agriculturist.

Art Amateur.

Cassell's Magazine of Art.

British Quarterly.

Bay State Monthly Magazine. H. E. Davidson.

*Reading-room.**Donors.*

Chambers Monthly Magazine.

Century " "

Chautauquan " "

Cottage Hearth.

F. P. Shumway.

Eclectic Monthly Magazine.

Edinburgh Review.

English Mechanic.

Electrician.

H. E. Davidson.

Gartenlaube.

Harper's Monthly Magazine.

" Young People.

" Bazar.

" Weekly.

Littell's Living Age.

London Punch.

London Illustrated News.

Literary World.

Daniel Jefferson.

Magazine of American History.

North American Review.

The Nation.

Outing Monthly Magazine.

Overland " "

Scribner's " "

St. Nicholas Magazine.

Science.

Scientific American.

W. L. Williams.

Popular Science Monthly.

Wide Awake.

Woman's Magazine.

Publishers.

Alta Californian

Christian Register.

Woman's Aux. Unit. Ch.

Cincinnati Gazette.

Melrose Journal.

W. L. Williams.

Melrose Reporter.

Dunton &amp; Potter.

New York Tribune.

Weekly Courier-Journal, of  
Louisville, Ky.

Daniel Jefferson.

*Reading-room.**Donors.*

Weekly News and Courier, of  
Charleston, S. C.

Weekly Inter-Ocean, of Chicago, Ill.  
Springfield Republican.

Youth's Companion.

London Weekly Times.

The National Tribune, G. A. R.

The Pilot.

The Eastern Farmer.

Daniel Jefferson.

The reference library, located in the reading-room, is fast assuming creditable proportions. The Encyclopædia Britannica is now complete. As fast as the funds will permit, books of value to the special student will be purchased and made accessible.

All the Congressional Records and Government Reports, including the library donated by Hon. Daniel W. Gooch, are now arranged, classified, and located, for the present, in the loft of the Town Hall. Shelving has been built, and proper arrangement made for the care of this class of books.

Mr. W. E. Keating has had the entire charge of the arrangement and classification of this material, and he is now preparing a catalogue of all the books in this department. It is hoped that a complete set of all important Government Records may now be obtained, through the kind offices of our Senators and Representatives in Congress.

The statistics of the library for the year 1887 are as follows:—

## DONATIONS.

*Pamphlets.*

|                                            |   |   |   |     |
|--------------------------------------------|---|---|---|-----|
| Number of pamphlets reported last year     | . | . | . | 875 |
| Annual report of the Boston Public Library | . | . | . | 1   |
| “ “ “ Chicago “ “                          | . | . | . | 1   |
| “ “ “ Hopedale “ “                         | . | . | . | 1   |
| “ “ “ Lancaster “ “                        | . | . | . | 1   |

|                                                                                |     |
|--------------------------------------------------------------------------------|-----|
| Annual report of the Malden Public Library . . .                               | I   |
| “ “ “ Manchester, N. H., Public Library, . . .                                 | I   |
| “ “ “ Newton “ “ . . .                                                         | I   |
| “ “ “ Watertown “ “ . . .                                                      | I   |
| “ “ “ Woburn “ “ . . .                                                         | I   |
| Official Gazette of the U. S. Patent Office . . .                              | 50  |
| The Tuftonian, Tufts College . . . . .                                         | 22  |
| Bulletin of the Boston Public Library . . . . .                                | I   |
| Tribute of the Massachusetts Historical Society to Francis E. Parker . . . . . | I   |
| The Republic of Mexico in 1876 . . . . .                                       | I   |
| Report on Education in Alaska . . . . .                                        | I   |
| The West Roxbury Park, 1873-1887 . . . . .                                     | I   |
| Tribute to William Cullen Bryant, Robert C. Waterston, . . .                   | I   |
| William Greenleaf Eliot, John H. Heywood . . . . .                             | I   |
| <hr/>                                                                          |     |
| Number of pamphlets now in library . . . . .                                   | 963 |

*Books.**Donors.*

|                                                                               |                             |
|-------------------------------------------------------------------------------|-----------------------------|
| A Sketch of the Life of Frederic Kidder . . .                                 | John W. Dean.               |
| Origin and Growth of the Religious Movement<br>at Melrose Highlands . . . . . | Rev. John G. Taylor.        |
| The Roman Traitor . . . . .                                                   | Miss Broad.                 |
| The Mystic and other Poems . . . . .                                          | “ “                         |
| Sir Theodore Broughton . . . . .                                              | “ “                         |
| The Experience of a Barrister . . . . .                                       | “ “                         |
| The Ins and Outs of Paris . . . . .                                           | “ “                         |
| Memorial Address of Life of Abraham Lincoln, . . .                            | C. S. Mixter.               |
| Memorial Address of Life of Henry Wilson . . .                                | “ “                         |
| A Memorial of Charles Sumner . . . . .                                        | “ “                         |
| Records of the 44th Mass. Vol. Militia . . .                                  | R. P. Barry.                |
| History of the 42d Regiment Mass. Infantry . . .                              | S. H. Buttrick.             |
| Tenth Census of the United States . . . . .                                   | H. M. Lovering. 3 vols.     |
| Census of Massachusetts . . . . .                                             | The State.                  |
| Records of Massachusetts Bay . . . . .                                        | Miss S. E. Wheeler. 6 vols. |
| Acts and Resolves of Massachusetts Bay . . .                                  | The State.                  |
| Women and Temperance . . . . .                                                | D. P. Livermore.            |
| Practical Information for Telephonists . . .                                  | T. D. Lockwood.             |
| Electricity, Magnetism, and Electric Telegraphy, . . .                        | “ “ “                       |
| Electrical Measurement and The Galvanometer, . . .                            | “ “ “                       |

The trustees desire to express their hearty thanks to all donors of books, magazines, and pamphlets.

## STATISTICS FOR THE YEAR 1887.

|                                                          |           |
|----------------------------------------------------------|-----------|
| Number of volumes in library, Jan. 1, 1887 . . .         | 6,999     |
| “ “ “ purchased this year . . . 375                      |           |
| “ “ “ donated “ “ . . . 27                               |           |
|                                                          | <hr/> 402 |
| “ “ “ in library, Jan. 1, 1888 . . .                     | 7,401     |
| Number of persons using library, Jan. 1, 1887 . . .      | 2,551     |
| “ “ cards issued this year . . . 333                     |           |
| “ “ “ relinquished . . . 33                              |           |
|                                                          | <hr/> 300 |
| Number of persons using library, Jan. 1, 1888 . . .      | 2,851     |
| Largest number of volumes issued in one day . . .        | 451       |
| Smallest “ “ “ “ in one day<br>(stormy Monday) . . . . . | 38        |
| Average number of vols. issued Mondays . . .             | 86        |
| “ “ “ “ Saturdays . . .                                  | 351       |
| Whole number “ “ “ in March . . .                        | 3,125     |
| “ “ “ “ in May . . .                                     | 2,500     |
| “ “ “ “ in November . . .                                | 2,598     |
| “ “ “ “ in December . . .                                | 2,698     |
| “ “ “ “ this year . . .                                  | 31,336    |
| Books replaced this year . . . . .                       | 153       |
| “ rebound . . . . .                                      | 685       |
| Magazines from reading-room bound for library . . .      | 52        |
| Number of persons using reading-room this year . . .     | 10,680    |
| Largest number in one month . . . . .                    | 1,056     |
| “ “ “ “ day . . . . .                                    | 130       |
| Books brought from library used in reading-room . . .    | 57        |
| Increase in circulation this year, in library . . .      | 2,384     |
| “ “ “ “ “ reading-room . . .                             | 1,177     |

The library has been opened Monday, Wednesday, and Saturday evenings and Wednesday and Saturday afternoons, throughout the year, with the exception of the legal holidays.

The reading-room has been open every evening during the

week, and also Wednesday and Saturday afternoons, with the exception of the legal holidays and monthly meetings of the school committee.

In addition to the donations already enumerated, there have been received since the close of the library year: Littell's Living Age, 1886-87; Popular Science Monthly, 1886-87; The Atlantic Monthly, 1886-87, the gift of Mrs. Sarah A. Cheever.

The supplemental catalogue has been in the office of the Melrose *Journal* for some time, and is nearly all printed. It will make a pamphlet of eighty pages, and will now also include the more recent additions to the library. While the expense to the town will be considerable, it is believed by the trustees that it will render the library of so much greater service to the public as to compensate for the outlay.

The librarian, Miss Worthen, and her assistants, have attended to the duties assigned to them with commendable fidelity.

Your trustees will shortly be forced to request a much larger appropriation from the town for the purpose of furnishing additional alcoves for books. We have nearly reached the limit of our available shelf room, and when forced to plan for the future, can but regret that we have no library building suited to the needs of so thriving a community.

Will some citizen please make a note of this fact, and take advantage of it?

For the new fiscal year we request an appropriation for the library and reading-room of seven hundred and fifty dollars and the dog tax.

Respectfully submitted in behalf of the trustees,

CHARLES C. BARRY,

*Secretary.*

|                   |   |                  |
|-------------------|---|------------------|
| ELBRIDGE H. GOSS, | } | <i>Trustees.</i> |
| RUBY F. FARWELL,  |   |                  |
| HANNAH LYNDE,     |   |                  |
| CHAS. C. BARRY,   |   |                  |







## STATEMENT OF THE HORATIO NELSON PERKINS FUND.

FROM JAN. 31, 1887, to JAN. 1, 1888.

## Dr.

|                                                   |          |
|---------------------------------------------------|----------|
| To cash paid G. P. Putnam's Sons, books . . . . . | \$25 00  |
| Balance on hand . . . . .                         | 510 80   |
|                                                   | <hr/>    |
|                                                   | \$535 80 |
|                                                   | <hr/>    |

## Cr.

|                                            |          |
|--------------------------------------------|----------|
| By balance on hand . . . . .               | \$515 80 |
| " interest, Melrose Savings Bank . . . . . | 20 00    |
|                                            | <hr/>    |
|                                            | \$535 80 |
|                                            | <hr/>    |

Respectfully submitted,

E. H. GOSS, *Treasurer.*

NOTE. Hereafter all library bills will be approved by the trustees, and paid by town treasurer.

MELROSE, Jan. 1, 1888.



ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF THE

TOWN OF MELROSE,

FOR THE

YEAR ENDING DECEMBER 31, 1887.

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BOSTON:

ALFRED MUDGE & SON, PRINTERS,

NO. 24 FRANKLIN STREET.

1888.

## SCHOOL COMMITTEE.

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### ORGANIZATION.

|                                                 |                     |
|-------------------------------------------------|---------------------|
| J. O. NORRIS, <i>Chairman</i> . . . . .         | Term expires, 1890. |
| Mrs. S. W. BRADBURY, <i>Secretary</i> . . . . . | " " 1890.           |
| Mrs. A. K. MILLER, <i>Agent</i> . . . . .       | " " 1888.           |
| Mr. S. R. WINCHELL (resigned).                  |                     |
| Mrs. A. B. P. WATERHOUSE . . . . .              | " " 1889.           |
| Mr. C. F. LORING . . . . .                      | " " 1889.           |

### SUBCOMMITTEES.

#### *Accounts.*

Mr. LORING.  
Mr. WINCHELL.  
Mr. NORRIS.

#### *Centre District.*

Mrs. MILLER.  
Mrs. BRADBURY.  
Mr. LORING.

#### *High School.*

Mr. NORRIS.  
Mr. WINCHELL.  
Mrs. MILLER.

#### *Highland District.*

Mrs. WATERHOUSE.  
Mr. LORING.  
Mrs. BRADBURY.

#### *Wyoming District.*

Mrs. BRADBURY.  
Mr. WINCHELL.  
Mrs. WATERHOUSE.

#### *Text Books.*

Mr. WINCHELL.  
Mrs. MILLER.  
Mr. NORRIS.

## REPORT OF SCHOOL COMMITTEE.

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*To the Citizens of Melrose:*

In accordance with the requirements of the statutes, the School Committee respectfully submit their annual report for the year ending Dec. 31, 1887.

They regret to announce the withdrawal from the Board of Mr. S. R. Winchell, on account of his removal from town, and desire to express their appreciation of the great interest that he took in his work, as their associate, of his zeal in the cause of education, and of the time and thought that he devoted to the service of our schools.

The schools are in much the same condition as that reported one year ago.

No great changes are to be recorded either in the body of teachers or in the management of the schools.

In June, Miss Hannah J. Gibbons, who had taught the Converse School from its organization, to the satisfaction of the Committee, resigned, and Miss Emma A. Weeks was elected to the position.

Miss Weeks is a resident of Melrose, and came to us well recommended from Wakefield, where she had taught for some time.

In the High School, an additional teacher has been appointed.

The greatly increased school accommodations furnished by the new buildings erected during the past few years have given our schools all the room needed, and it has only been the duty of the Committee to keep in good condition the buildings and the other property used by the schools.

This has been done, and the policy aimed at has been that believed to be followed by every prudent householder, not to wait until repairs were imperatively demanded, but to anticipate necessity enough to keep the property attractive in appearance and ornamental to the town.

Three of the schoolhouses have been painted on the outside, and the grounds about the High School have been graded, covered with loam, and so prepared to be more pleasant to the eye than ever has been the case.

There seems to be no good reason why school buildings and the grounds about the same should not be pleasant places for the children, and compare favorably with the homes of most of the pupils in a town like ours.

It is to be hoped that parents and pupils will do their utmost to second the efforts of the Committee to make the experiment at our High School successful, and encourage us to do likewise elsewhere.

It was the intention of the Committee to concrete the walks about some of the schoolhouses, where that work has not yet been done, but when we were ready to begin, the cold weather seemed to us to make it unadvisable. It is therefore recommended that the unexpended balance of the school contingent for this year be added to the appropriation next year for the purpose of carrying out this intention.

#### SCHOOL ATTENDANCE.

In order that a system of public school instruction should produce the best results, the attendance of pupils must be constant and as little interrupted as possible.

The laws of the State provide to insure this by making it the duty of the truant officers to see to it that children of school age are not allowed "to wander about the streets, and grow up in ignorance."

It is their duty, under the law, to prosecute all such cases, and it is the intention of the Committee to have these officers perform their duty.

In cases where parents or guardians desire that children should leave school to go to work, it is necessary that such children should obtain a certificate from the School Committee that they have been in school twenty weeks during the preceding year.

The twenty weeks must be in terms of ten consecutive weeks each, and not consist of one or two days in each week.

It is the duty of the truant officers to visit establishments in which children are employed, and ascertain if the requirements of the law are being met, whenever the School Committee request them to do so.

This statement is made, so that all the citizens of the town may understand just what the provisions as to compulsory attendance at school are, and because there have come up during this year a few cases in which those provisions did not seem to be understood.

The Committee will be grateful to any citizens for information that will assist in keeping all such children in school, as under the laws of the State ought to be there.

#### CONTAGIOUS DISEASES.

Under this head are put small-pox, scarlet fever, and diphtheria.

It is the duty of the Committee to exclude from school all children coming from a house in which any one of these diseases is in progress.

Such children cannot be readmitted to school until they bring a certificate from the physician, stating that two weeks have elapsed since the death or recovery of the person last taken with the disease.

If two or more families occupy the same house, the Committee have decided that the rule must apply to all, as though they belonged to the family of the diseased person.

It is to be hoped that the occasions for taking any such action will not often occur, but in such cases prompt action, looking to the safety of the public, must be the guide of those on whom the responsibility rests.



## HIGH SCHOOL.

This school occupies deservedly a prominent place in the affection of our citizens.

It has been in existence for more than a quarter of a century, and we have among us many witnesses as to the good work it has done in the past.

During the last year its work has not been inferior to that of former years, and in some respects it has been better.

In accordance with views which the Committee have held for some time, an additional teacher was employed when the school opened in September.

This action seemed necessary from the increased number of pupils in the school. It must be evident that four teachers for one hundred and twenty pupils is about the same ratio as three teachers for eighty or ninety pupils which the school numbered a few years ago.

The Committee felt that a teacher of experience and established reputation was needed, and were fortunate in obtaining the services of Miss Clara Blanchard, for some years a successful teacher in the Malden High School.

Hardly had she commenced her work when an offer of a very desirable place in the Roxbury Latin School took her from us.

To fill the vacancy thus created, the Committee chose Miss A. A. Ballou of the High School in Brooklyn, N. Y., and formerly preceptress of Dean Academy, who has the highest recommendations as to ability and success as a teacher, and whose work thus far has been very satisfactory.

Thus has one need of the school been supplied; two more remain which ought to have immediate attention.

The first is the lack of suitable rooms and apparatus for the study of chemistry and physics, as well as of a suitable room for such general exercises as are attended by all the members of the school; and the second is a suitable reference library for the use of the pupils.

It should be considered quite an important part of the work

of a high school to teach pupils methods of study, how to acquire for themselves, and thus be prepared for the time when they cannot be dependent on school or teachers.

In doing this work, no more valuable aid can be found than a good library, in which the pupil can re-enforce the knowledge obtained in the class by reading and investigation carried on in a somewhat independent and individual way.

The other grades of schools are in a generally satisfactory condition, and do not need individual mention. On further consideration, it has seemed to the Committee best not to extend the course of study below the High School to nine years ; but, instead, to reduce the amount of work required in some subjects sufficiently to make room for whatever it might seem best to add to the course as at present arranged.

The changes are not yet decided upon definitely enough to put into print, but it is hoped in a short time to issue a little pamphlet containing the courses of study, the rules and regulations of the Committee, and other items of interest connected with the school department of the town.

#### PROMOTIONS.

The simplest way to arrange these is to have one fixed mark, above which all go on, and below which none go on; but there is little else to recommend such a system.

Last June the plan adopted was this: a certain maximum limit was fixed, above which there could be no question as to the fitness for promotion ; a certain minimum mark was also fixed, below which pupils ought not to expect promotion; between these two limits the cases were considered with considerable care by the teachers and Committee in consultation, and such items as age, mental characteristics, industry, fidelity, and other considerations were taken account of, before a final decision was reached.

In this way the Committee feel that more complete justice is likely to be done to a few pupils, while it does not affect the general result to any great degree.

## DISCIPLINE.

It is impossible to have a good school without the two requisites of prompt obedience and careful attention to the work of the class and to the instruction given. These are the essentials of the class system of doing school work. Such a state of discipline is what the parents and pupils have a right to. It is what they expect, and what all right-minded persons want ; it is what they are really pleased with.

One disobedient and inattentive pupil can interfere with the work and progress of a class to such a degree as to do much more harm than will offset all the benefit derived by him from the school. When such a state of things is reached, if the pupil has reached years of discretion, or years when discretion is supposed to come, it is manifestly a duty, as a last resort, to exclude him from school.

The Committee are glad to report that there has been little occasion for such action on their part during the past year, but they earnestly desire that the discipline shall be maintained to a high degree of efficiency, and are prepared to second the efforts of the teachers with all reasonable support. They wish that these two essentials should be insisted on in every school in town, and in a few classes feel that an improvement ought to be made in these respects.

## STUDY AT HOME.

In most of the classes the requirements are such that but little such study is needed except in exceptional cases, but in the higher grades it seems reasonable to ask for some. It is not thought to be too much for pupils in the second grammar grades to begin a little such work, say from half an hour to an hour daily. In the first grammar school they can do an hour's work at home without injury, and in the High School two hours is not believed to be excessive.

When it is remembered that the time devoted to work, recitation, and study in school is only about four and one half hours, it will be seen at once that the time given to

school work, in school and out, is much less than is devoted to work by those children of the same age that are engaged in some occupation, and are not so fortunate as to continue in school.

It is not worth while for children of fourteen or fifteen years of age to go to school simply to be kept out of the streets, or to have some place to pass away the time in.

It is an injury to them to be allowed to do their work in a slack and inefficient way.

The habits that they acquire at that time of life cannot fail to have an important influence upon the future. It is therefore a duty to them to insist on as thorough and faithful work as they are capable of. It is hoped that parents will appreciate the importance of this view, and do all they can to second the efforts of the teachers and Committee.

#### TO PARENTS.

The Committee cannot close this report without a word specially to parents and guardians of the children under their care.

Recently, a gentleman, whose views are entitled to respectful consideration from his wide experience and unselfish zeal in many good works for the improvement of mankind, said to a large audience: "It is the business of this generation to rear and train the next generation of men and women"

Our schools are one of the most important instruments in performing this work. As such, they demand your interest, your watchful care, and your unflagging attention.

It would be a great help to them if you would manifest this interest by more frequent visits, by making the acquaintance of the teachers, by words of kindly criticism where it seems called for, and equally by expressions of appreciation and encouragement when there is an opportunity to bestow such.

It is not enough to vote liberal appropriations, as you do, to visit the schools on exhibition days, as you do in large numbers.

A visit on exhibition day is much like attending a grand

party at a neighbor's house, — it gives you little idea of the housekeeping at other times.

The Committee acknowledge their indebtedness to several parents who have visited the schools, and subsequently have called attention to matters that needed looking after. Such suggestions are always valuable. We hope to have more of them, and should be equally glad now and then to hear from those who see something praiseworthy and satisfactory in the schools, for we believe it quite possible to find many things to be commended.

The Committee realize that it is their business to carry out the wishes of the people in the management of the schools, as far as possible to do so.

They invite suggestion and conversation, and to give those who wish an opportunity to see him, the chairman has had one hour each week set apart, when he has been at the Town Hall to see all who might desire an interview.

This plan will probably be continued the coming year.

The evening and the time selected will be announced to the public, and it will accommodate him, and probably citizens also, to have as much business brought to him then as can be done without too great inconvenience to those who desire to call upon him.

Would it not be well for the parents of children having any physical weaknesses, or temperamental peculiarities, to call the attention of each teacher, under whose charge they may come, to the same? Demands and restrictions that the majority can bear very well may be too severe for such children. The teachers are entitled to the benefit of the parents' knowledge, and the child is entitled to so much consideration on the part of the parent.

If such a course were followed by parents, and subsequently the school regulations should bear too hard on such pupils, they would have just cause for complaint.

These suggestions are made because they are believed to be such as will be helpful to a good and perfect understanding between parents and teachers.



These schools of ours are for the children first of all, and it should be the aim of all to work in harmony, so that the united efforts of teachers, parents, and Committee may make them second to none in the Commonwealth, for the best are none too good for Melrose.

Herewith are submitted the statistics usually published in different parts of the report.

In connection with the programme of the High School Exhibition, the Committee would mention, with thanks, the pleasant and encouraging address by Prof. T. B. Lindsay, of Boston University.

We hope at the next exhibition to present some one from the Institute of Technology, in which many of our High School graduates have continued their studies.

J. O. NORRIS, *Chairman,*  
S. W. BRADBURY, *Secretary,*  
A. K. MILLER,  
A. B. P. WATERHOUSE,  
C. F. LORING,

*School Committee.*

*Certum pete finem.*

## GRADUATING EXERCISES, MELROSE HIGH SCHOOL,

TOWN HALL, THURSDAY EVENING, JUNE 30, 1887, COMMENCING 7.45.

### PART I.

#### OVERTURE. — MELROSE ORCHESTRAL CLUB.

- CHORUS, "The Banner of the Free" . . . *Brinley Richards.*  
 SALUTATORY ESSAY, "The Acquirement and Use  
 of Knowledge" . . . . . CARRIE M. ROBERTS.  
 IMMIGRATION . . . . . EDWARD T. BLANCHARD.  
 SOME ADVANTAGES OF LIVING IN THE NINE-  
 TEENTH CENTURY . . . . . ALMA L. FIELD.  
 MALE QUARTETTE, "The Wolf is on the Hills,"  
 Messrs. GRADY, KEATING, PHILLIPS, and MANSFIELD.  
 THE SIMILE AS USED BY HOMER . . . . . JAMES W. GRADY.  
 DECLAMATION, "What of the Republic?" . . . FRANK A. INGERSOLL.  
 CLASS PROPHECY . . . . . HATTIE E. MELENEY.

### PART II.

#### MUSIC. — ORCHESTRA.

#### AWARDING OF THE PRIZES OF FRANKLIN FRATERNITY.

- CHORUS, "Sweet is the Hour of Rest" . . . *Mercadante.*  
 DECLAMATION, Extract from Wendell Phillips . K. WILLIAM MANSFIELD.  
 EDUCATION FOR THE FREEDMEN . . . . . ALFRED D. WOODMAN.  
 A PLEA FOR COAST DEFENCES . . . . . FRED P. BOWDEN.  
 ABOLITION OF THE POLL TAX . . . . . WILLIAM E. KEATING.  
 VALEDICTORY, "Over the Alps lies Italy" . . . CALLIE H. HAYWARD.

#### AWARDING OF DIPLOMAS.

- CHORUS, "Good Night" . . . . . *Carulli.*

#### MUSIC. — ORCHESTRA.

The arrangement of this programme is not determined by rank in scholarship.

## GRADUATES.

|                        |                      |                     |
|------------------------|----------------------|---------------------|
| EDWARD T. BLANCHARD.   | *ROSA MAY GIBBONS.   | HARRIET E. MELENEY. |
| FRED P. BOWDEN.        | †JAMES W. GRADY.     | JOHN PHILPOT.       |
| *NELLIE R. BRADBURY.   | CALLIE H. HAYWARD.   | HUBERT G. RIPLEY.   |
| LAURA L. CASS.         | †FRANK A. INGERSOLL. | CARRIE M. ROBERTS.  |
| *E. JOSEPHINE DEMPSEY. | †WM. E. KEATING.     | BERTHA T. SHEPARD.  |
| ALMA L. FIELD.         | NELLIE W. LYNDE.     | ALFRED D. WOODMAN.  |
| E. GERTRUDE FURBER.    | K. WM. MANSFIELD.    |                     |

\* English Course.

† College Course.

Not marked, Latin Course.



The following scholars were selected by the teachers to compete for the literary prizes of the Franklin Fraternity :—

*First Class.* — Alma L. Field, Carrie M. Roberts, Callie H. Hayward, Fred P. Bowden, Wm. E. Keating, K. William Mansfield.

*Second Class.* — Sarah E. Morse, Annie Whelden, Albert M. French, H. Verner Jamison, Fritz H. Small.

*Third Class.* — Grace B. Carr, Mary Kunhardt, Grace C. Albee, Herbert M. Cox, Harry C. White.

The first prize in English Literature was awarded to Miss Eva Marion Guild.

A special prize for excellence in English Composition was awarded to Miss Sarah E. Morse.

The following scholars were chosen for excellence in Mathematics to compete for the Franklin Fraternity prizes :—

*First Class.* — Frank A. Ingersoll, Wm. E. Keating.

*Second Class.* — Annie Whelden, Frank B. Holmes, John J. Keating, Fritz H. Small.

*Third Class.* — Marion E. Bradbury, Helen L. Burr, Alice L. White, Ambrose C. Dearborn, Edward S. Page, Harry W. Vinton, Julian C. Woodman.

The first prize in Geometry was awarded to Fritz H. Small.

The first prize in Algebra was awarded to Edward Samuel Page.

LOUIS ROBSON,  
SIDNEY H. BUTTRICK,  
JOHN O. NORRIS,  
*Committee of Awards.*

The following scholars were selected to take part in the literary exercises of graduation : —

*Chosen by Rank in Scholarship.* — Callie H. Hayward, Carrie M. Roberts, Alfred D. Woodman, Edward T. Blanchard.

*Chosen for Best Essay.* — William E. Keating.

*Chosen by the Class.* — K. William Mansfield, Harriet E. Meleney, Alma L. Field.

*Chosen by the Teachers.* — Frank A. Ingersoll, Fred P. Bowden, James W. Grady.

#### GRADUATES FROM MELROSE FIRST GRAMMAR SCHOOL,

*June 30, 1887.*

Albert B. Bale.  
William J. Balfour.  
William C. Blanchard.  
Lewis J. Bowden.  
Frank W. Brown.  
Sarah C. Bryant.  
Lillie June Burdick.  
Alice M. Burr.  
Emma F. Bush.  
Annie L. Chapman.  
Evelyn C. Coggeshall.  
Willie D. Collins.  
Lillian R. Copeland.  
Lewis A. Dow.  
Andrew J. Drew.  
Lillena F. Eldridge.  
Gertrude H. Elliott.  
Carrie L. Everson.  
Sarah M. Fisher.  
Thomas J. C. Foley.  
Elbridge G. Ford.  
Florence A. Fuller.  
Albert A. Grady.  
Florence R. Gray.  
John E. Guild.  
Jennie Hunt Hill.  
Alice M. Howes.  
Hattie M. Howes.  
Ida L. Johnson.  
Lizzie F. Johnson.

Sarah M. Lane.  
Mary L. Loring.  
Grace A. Lynde.  
Florence L. Maker.  
Florence E. Manley.  
Alice F. Marten.  
Annie A. Merrill.  
Emma J. Norris.  
George G. Norris.  
Edith M. Nowell.  
Carrie M. Page.  
Grace L. Proctor.  
John W. Pulsifer.  
Charles J. Richardson.  
Maud L. Sanford.  
William E. Sargent.  
Ralph E. Sears.  
Etta Sweet.  
Robert Sweet.  
Etta M. Taylor.  
Lewis M. Tuttle.  
Nellie M. Tuttle.  
Sarah J. Twitchell.  
Eugene D. Upham.  
William Valler.  
Lottie H. Waite.  
Fred P. Woodbury.  
Mabel L. Woodward.  
William J. Wooldridge.

## FINANCIAL STATEMENT.

*Schools.*

|                               |             |             |
|-------------------------------|-------------|-------------|
| Appropriation . . . . .       | \$20,000 00 |             |
| Received from State . . . . . | 76 21       |             |
|                               | <hr/>       | \$20,076 21 |

*Expended.*

|                              |             |                      |
|------------------------------|-------------|----------------------|
| Teachers' salaries . . . . . | \$16,425 00 |                      |
| Janitors' " . . . . .        | 1,351 05    |                      |
| Committees' " . . . . .      | 625 00      |                      |
| Agents' salary . . . . .     | 125 04      |                      |
| Fuel . . . . .               | 1,312 47    |                      |
|                              | <hr/>       | 19,838 56            |
| Balance . . . . .            |             | <hr/> <hr/> \$237 65 |

*School Contingent.*

|                             |            |            |
|-----------------------------|------------|------------|
| Appropriation . . . . .     | \$4,500 00 |            |
| Sale of books, etc. . . . . | 6 41       |            |
|                             | <hr/>      | \$4,506 41 |

*Expended.*

|                                           |            |                      |
|-------------------------------------------|------------|----------------------|
| Repairs . . . . .                         | \$1,723 95 |                      |
| Supplies, books, stationery, etc. . . . . | 1,634 00   |                      |
| Furniture . . . . .                       | 227 00     |                      |
| Printing . . . . .                        | 152 97     |                      |
| Sundries . . . . .                        | 339 41     |                      |
|                                           | <hr/>      | 4,077 33             |
| Balance . . . . .                         |            | <hr/> <hr/> \$429 08 |

## AGENT'S REPORT.

|                                                                                             |          |
|---------------------------------------------------------------------------------------------|----------|
| Value of text books and other supplies in stock, Jan. 1, 1887 . . . . .                     | \$225 16 |
| Value of text books and supplies purchased, from Jan. 1, 1887, to Dec. 31 . . . . .         | 1,350 64 |
| Value of text books and supplies issued to schools, from Jan. 1, 1887, to Dec. 31 . . . . . | 1,175 73 |
| Value of text books and supplies in hand of agent, Jan. 1, 1888 . . . . .                   | 399 47   |

Received for books and slates, lost or injured . \$6 41  
 Paid to Town Treasurer . . . . . 6 41

Respectfully submitted, A. K. MILLER.

This does not include amounts paid for maps, books of reference, and supplies, bought for the schools as a whole, but only such books and supplies as are necessary to every pupil for the work of the class.

## SCHOOL STATISTICS.

| SCHOOLS.                        | Maximum number,<br>Jan. 1 to July 1. | Av. attendance during<br>the same time. | Maximum number,<br>Sept. 1 to Dec. 31. | Av. attendance during<br>the same time. | Number of pupils,<br>Jan. 1, 1888. | Per cent of attendance<br>for the year. | Average age,<br>Dec. 31, 1887. |       |
|---------------------------------|--------------------------------------|-----------------------------------------|----------------------------------------|-----------------------------------------|------------------------------------|-----------------------------------------|--------------------------------|-------|
|                                 |                                      |                                         |                                        |                                         |                                    |                                         | Yrs.                           | Mos.  |
| HIGH, First Class.....          | 21                                   | 20.1                                    | 23                                     | 21.7                                    | 23                                 | 94.8                                    | 17                             | 8     |
| Second Class.....               | 22                                   | 20.9                                    | 21                                     | 20.6                                    | 21                                 | 96.7                                    | 16                             | 9     |
| Third Class.....                | 28                                   | 26.4                                    | 29                                     | 26.3                                    | 29                                 | 92.4                                    | 15                             | 9     |
| Fourth Class.....               | 37                                   | 35.5                                    | 52                                     | 47.2                                    | 49                                 | 93.4                                    | 15                             | 5     |
| Totals .....                    | 108                                  | 102.9                                   | 125                                    | 115.8                                   | 122                                | 93.8*                                   | ..                             | ..    |
| 8th Grade, Miss Fairbanks....   | 91                                   | 81                                      | 96                                     | 90                                      | 93                                 | 95                                      | 14                             | 6     |
| 7th " " Bisbee.....             | 47                                   | 40                                      | 48                                     | 44                                      | 47                                 | 95                                      | 13                             | ..    |
| 7th " " Swett.....              | 43                                   | 38.9                                    | 47                                     | 44                                      | 47                                 | 96.8                                    | 13                             | 6     |
| 7th & 6th Grade, Miss Mendum    | 42                                   | 35.4                                    | 43                                     | 36.7                                    | 41                                 | 89                                      | 14                             | 2     |
| 6th " " " Melcher.              | 57                                   | 51                                      | 49                                     | 43                                      | 47                                 | 92                                      | 11                             | 10    |
| 6th " " " Barrett..             | 47                                   | 40.7                                    | 59                                     | 52.6                                    | 52                                 | 94                                      | 12                             | 10    |
| 5th " " " George..              | 43                                   | 36.5                                    | 42                                     | 40                                      | 37                                 | 90                                      | 11                             | 0     |
| 5th " " Mrs. Bascom.            | 42                                   | 37                                      | 52                                     | 46.3                                    | 52                                 | 94.5                                    | 11                             | 6     |
| 5th & 4th Grade, Miss Mitchel.. | 48                                   | 40.3                                    | 58                                     | 50.5                                    | 56                                 | 92.8                                    | 11                             | 2     |
| 4th & 3d " " Davis ...          | 53                                   | 48.8                                    | 58                                     | 54.3                                    | 56                                 | 94.2                                    | 9                              | 0     |
| 4th & 3d " " Guptill..          | 45                                   | 39.1                                    | 52                                     | 39.7                                    | 46                                 | 91.2                                    | 9                              | 7     |
| 4th & 3d " " Sweetser           | 34                                   | 28.5                                    | 36                                     | 31                                      | 33                                 | 94.4                                    | 10                             | 4     |
| 4th & 3d " " Long....           | 46                                   | 42.8                                    | 57                                     | 49.6                                    | 53                                 | 95.5                                    | 9                              | 6     |
| 4th & 3d " " Weeks..            | 18                                   | 15.7                                    | 23                                     | 19.6                                    | 22                                 | 93                                      | 10                             | 7     |
| 3d & 2d " " Plummer             | 53                                   | 38.5                                    | 57                                     | 48.2                                    | 54                                 | 89                                      | 8                              | 10    |
| 2d " " Mrs. Dermot .            | 43                                   | 38                                      | 42                                     | 38.5                                    | 41                                 | 96                                      | 7                              | 2     |
| 2d & 1st " Miss Donkin .        | 70                                   | 52.3                                    | 59                                     | 51.3                                    | 58                                 | 93.4                                    | 7                              | 2     |
| 2d & 1st " " Hersey .           | 53                                   | 34.9                                    | 64                                     | 53.3                                    | 59                                 | 93.1                                    | 6                              | 4     |
| 2d & 1st " " Nye....            | 41                                   | 32.9                                    | 33                                     | 27.7                                    | 30                                 | 90.7                                    | 7                              | 11    |
| 2d & 1st " " Smith...           | 38                                   | 32.9                                    | 40                                     | 33.9                                    | 37                                 | 95.2                                    | 7                              | 3     |
| 1st " " Randlette               | 59                                   | 40.4                                    | 63                                     | 49.6                                    | 59                                 | 89.8                                    | 6                              | 3     |
| 1st " " Ransom..                | 50                                   | 44                                      | 37                                     | 33.9                                    | 39                                 | 95                                      | 6                              | 5     |
| MIXED SCHOOLS.                  |                                      |                                         |                                        |                                         |                                    |                                         |                                |       |
| Upham St., Miss Chadbourne      | 43                                   | 33.6                                    | 48                                     | 42.5                                    | 42                                 | 89.3                                    | 7                              | 11    |
| Ripley School, " Morgan....     | 34                                   | 24.6                                    | 32                                     | 26.9                                    | 28                                 | 88.5                                    | 8                              | 7     |
| Totals .....                    | 1248                                 | 1060.7                                  | 1320                                   | 1162.9                                  | 1251                               | .....                                   | .....                          | ..... |

\* Average.

For comparison, attention is called to the following statement, showing the increase in school population :—

|                                              |       |
|----------------------------------------------|-------|
| Total number of pupils enrolled Jan. 1, 1886 | 1,098 |
| “ “ “ “ Jan. 1, 1887                         | 1,151 |
| “ “ “ “ Jan. 1, 1888                         | 1,251 |
| Increase during 1886                         | 53    |
| “ “ 1887                                     | 100   |

## TEACHERS.

| NAMES.               | SCHOOLS.                            | SALARIES. |
|----------------------|-------------------------------------|-----------|
| Alonzo G. Whitman    | High, Principal                     | \$1,700   |
| Clarimond Mansfield  | High, Assistant                     | 625       |
| Hattie G. Ricker     | High, Assistant                     | 625       |
| A. A. Ballou         | High, Assistant                     | 800       |
| Harriet C. Fairbanks | Eighth grade, Principal             | 900       |
| Nellie H. Rogers     | Eighth grade, Assistant             | 550       |
| Lucy W. Bisbee       | Seventh grade, Emerson St.          | 550       |
| Alice M. Swett       | Seventh grade, Emerson St.          | 550       |
| Lydia Mendum         | Seventh and sixth grade, Franklin   | 550       |
| Susan D. Melcher     | Sixth grade, Centre                 | 550       |
| Helen J. Barrett     | Sixth grade, Grove St.              | 550       |
| Mary J. George       | Fifth grade, Centre                 | 500       |
| Kate W. Bascom       | Fifth grade, Grove St.              | 500       |
| Belle Mitchel        | Fifth and fourth grades, Franklin   | 500       |
| Lillie J. Davis      | Fourth and third grades, Centre     | 450       |
| Alma J. Guptill      | Fourth and third grades, Grove St.  | 475       |
| Effie C. Sweetser    | Fourth and third grades, Lynde St.  | 450       |
| Alice H. Long        | Fourth and third grades, Vinton St. | 500       |
| Emma A. Weeks        | Fourth and third grades, Converse   | 450       |
| Mary A. Plummer      | Third and second grades, Franklin   | 450       |
| Lucy F. Dermot       | Second grade, Vinton                | 500       |
| Ella M. Donkin       | Second and first grades, Centre     | 500       |
| Mary I. Hersey       | Second and first grades, Grove St.  | 500       |
| Mary E. Nye          | Second and first grades, Lynde St.  | 450       |
| Gertrude Smith       | Second and first grades, Converse   | 450       |
| Emma L. Randlett     | First grade, Franklin               | 500       |
| Annie M. Ransom      | First grade, Vinton St.             | 450       |
| Annie Chadbourne     | Mixed school, Upham St.             | 450       |
| Marion H. Morgan     | Mixed school, Ripley                | 450       |
| Harry Benson         | Teacher of music                    | 350       |
| Wallace Bryant       | Teacher of drawing                  | 225       |
| Total                |                                     | \$17,050  |

## JANITORS.

| NAMES.                   | SCHOOLS.       | SALARIES. |
|--------------------------|----------------|-----------|
| Frank M. McLaughlin..... | High .....     | \$324     |
| J. W. Davis.....         | Centre .....   | 175       |
| Chas. H. Fuller.....     | Franklin.....  | 175       |
| James A. Lambert.....    | Grove St.....  | 175       |
| Wm. F. Serrat.....       | Lynde St.....  | 100       |
| Anthony A. Rich.....     | Vinton St..... | 175       |
| Eri Upham.....           | Upham St.....  | 60        |
| Joseph Emerson.....      | Converse ..... | 100       |
| — Davis.....             | Ripley .....   | 60        |
|                          | Total.....     | \$1,344   |







# WARRANT.

---

*To either of the Constables of the Town of Melrose, in the County of Middlesex:* *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the Inhabitants of the Town of MELROSE, qualified to vote in elections and Town affairs, to meet at the TOWN HALL, on MONDAY, the fifth day of March, A. D. 1888, at 7 o'clock, A. M., then and there to act on the following Articles, viz. :

ARTICLE 1. To choose a Moderator.

2. To bring in their votes on one ballot for Selectmen, Overseers of Poor, Town Clerk, Town Treasurer, Collector of Taxes, Assessors, one Water Commissioner for three years, Library Trustees, Highway Surveyor or Surveyors, Water Loan Sinking Fund Commissioner for three years, three Auditors, two School Committee for three years, and Constables. Upon a separate ballot to bring in their votes in answer to the question, "Shall license be granted for the sale of intoxicating liquors in this town?" Form of ballots to be "Yes" or "No"

3. To choose all other necessary Town Officers.

4. To authorize the Town Treasurer to borrow money for the purpose of meeting the demands of the Town, with the approval of the Selectmen.

5. To hear and act upon the report of the Finance Committee appointed at meeting held Nov. 12, 1887.

6. To raise money for Schools.

7. To raise money for School Contingent Expenses.

8. To raise money for Highways.

9. To raise money for Sidewalks.

10. To raise money for Crossings and Gutters.  
11. To raise money for the Support of the Poor.  
12. To raise money for the Fire Department.  
13. To raise money for lighting and care of Street Lamps.  
14. To raise money for additional Street Lamps.  
15. To raise money for Police and Watchmen.  
16. To raise money for Contingent Expenses.  
17. To raise money to pay Interest on the Town Debt.  
18. To raise money for the Reduction of the Town Debt.  
19. To raise money for the Public Library.  
20. To raise money to defray the expenses of the Board of Health.

21. To raise money for the use of Water, in hydrants, public buildings, etc.

22. To raise money for Salaries of Town Officers, and to fix the compensation of all officers and committees elected or appointed by the Town.

23. To raise money for Drainage, Bridges and Culverts,

24. To raise money for any other necessary expenses for the ensuing year.

25. To determine the method by which the taxes for the year shall be collected.

26. To authorize the Town Treasurer to issue Water Fund Bonds for the purpose of paying the cost of construction for the ensuing year.

27. To see what action the Town will take relating to the purchase of land for a Public Park, and pass any vote or votes thereon which may be considered necessary in the premises, on petition of the Park Commissioners elect.

28. To see what action the Town will take in regard to expending a sum of money on First Street, on petition of W. N. Folsom and others.

29. To see if the Town will grant to H. C. Richardson, without charge, the use of water from stand pipes, for the purpose of watering the streets, and also erect two stand pipes where needed, on petition of S. S. Bugbee and others.

30. To see if the Town will provide Police Patrol both Day and Night at Melrose Highlands, on petition of John G. Taylor and others.

31. To see what action the Town will take to establish Tele-

phonic or Electrical communication between the out-lying districts and the centre for Fire Alarm and Police Service.

32. To see if the Town will raise the sum of \$200 for keeping in repair and decorating the graves of Soldiers on Memorial Day.

33. To see what action the Town will take in the matter of laying drain pipe through a brook which runs northwesterly, by Linwood Ave. opposite land of James Rendall.

34. To hear and act upon the report of the committee on "By Laws."

35. To see if the Town will purchase the whole or any portion of the Mountain House lot for a Public Square and raise or appropriate money for the same on petition of M. S. Page, E. H. Goss, Daniel Norton and others.

36. To see if the Town will provide for the surveying and numbering of the estates and lots upon the different streets of the town as a prerequisite for a Free Postal Delivery.

37. To see if the Town will accept the following streets as laid out by the Selectmen, viz :—

1. An extension of Mt. Vernon street easterly.
2. Street running from Wyoming Ave. southerly to the proposed extension of Mt. Vernon St.
3. Street running from Upham St. southerly to Grove St. now known as Fourth St.
4. Street running from Upham St. southerly to First St. now known as Tenth St.
5. Street running from the boundary line between Malden and Melrose at a point near Lebanon St., northerly and easterly around Swain's Pond, then westerly until it intersects with Swain's Pond Avenue known as the "Old Road," or "Back Street."
6. Street running from Upham St. northerly to Porter St. now known as School St.
7. Street running from First St. southerly to Grove St. now known as Fifth St.
8. Street running from Melrose St. northerly and easterly to Franklin St. now known as Albion St.
9. Street running from Wyoming Avenue southerly to Borneo St., (so called) now known as Pleasant St.
10. Street running from Washington St. easterly to Pleasant St. (so called) now known as Borneo St.

11. Street running from Washington St. northerly to Borneo St. now known as Para St.

12. An extension of Second St. easterly, about 700 feet.

38. To raise money for the building of new streets which may be accepted at this meeting.

39. To hear and act on the reports of committees, and for the transaction of any other business which may legally come before this meeting.

And you are directed to serve this Warrant by posting attested copies thereof at the Town Hall, each of the Post Offices and Depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the Warrant at the dwellings of legal voters before the day of meeting.

Hereof fail not, and make due return of this Warrant, with your doings thereon, to the Town Clerk, at the time and place of said meeting.

Given under our hands this eighteenth day of February in the year one thousand eight hundred and eighty-eight.

|                  |   |                             |
|------------------|---|-----------------------------|
| LEVI S. GOULD,   | } | Selectmen<br>of<br>Melrose. |
| JOHN B. SOUTHER, |   |                             |
| JOHN P. DEERING, |   |                             |

A true Copy.      Attest,

ANSEL B. PIERCE, Constable.

REPORTS

—OF THE—

TOWN OFFICERS OF MELROSE

—FOR THE—

FINANCIAL YEAR

ENDING DECEMBER 31, 1888.

---

MELROSE :  
DUNTON & POTTER, PRINTERS.  
1889.





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# TOWN OFFICERS FOR 1888-9.

---

## SELECTMEN AND HIGHWAY SURVEYORS.

LEVI S. GOULD. JOHN P. DEERING.  
CHARLES W. HIGGINS.

---

TOWN CLERK.  
JOHN LARRABEE.

---

TREASURER.  
GEORGE NEWHALL.

COLLECTOR.  
PARKER MERRILL.

---

## ASSESSORS.

JOHN R. NORTON. MOSES BRIGGS.  
ALBON W. PARKER.

---

## WATER COMMISSIONERS.

|                                             |                    |
|---------------------------------------------|--------------------|
| WINGATE P. SARGENT, <i>Chairman</i> , . . . | Term expires 1890. |
| WILBUR D. FISKE, . . . . .                  | " " 1889.          |
| JOHN R. JONES, deceased . . . . .           |                    |
| GEORGE L. MORSE, to fill vacancy. . .       |                    |

---

## COMMISSIONERS OF WATER LOAN SINKING FUND.

|                                         |                    |
|-----------------------------------------|--------------------|
| DANIEL RUSSELL, <i>Chairman</i> , . . . | Term expires 1890. |
| ROYAL P. BARRY, . . . . .               | " " 1891.          |
| JOHN W. FARWELL, . . . . .              | " " 1889.          |

---

## SCHOOL COMMITTEE.

|                                         |                    |
|-----------------------------------------|--------------------|
| JOHN O. NORRIS, <i>Chairman</i> , . . . | Term expires 1890. |
| MRS. SARAH W. BRADBURY, . . .           | " " 1890.          |
| JOHN C. MAKER, . . . . .                | " " 1891.          |
| MRS. ARETHUSA K. MILLER, . . .          | " " 1891.          |
| CHARLES F. LORING, . . . . .            | " " 1889.          |
| MRS. A. B. P. WATERHOUSE, . . .         | " " 1889.          |

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## TRUSTEES OF THE PUBLIC LIBRARY.

ELBRIDGE H. GOSS. CHARLES A. PATCH.  
CHARLES C. BARRY. MARY L. CHARLES.  
RUBY F. FARWELL.

---

## AUDITORS.

FRANK E. ORCUTT. WALTER I. NICKERSON.  
GILBERT N. HARRIS.

---

## OVERSEERS OF THE POOR.

HENRY G. FIELDS, *Chairman*. JOHN SINGER, JR.  
MRS. MARTHA D. BALE.

## TOWN OFFICERS FOR 1888-89.

## PARK COMMISSIONERS.

|                     |           |                    |
|---------------------|-----------|--------------------|
| NATHANIEL P. JONES, | . . . . . | Term expires 1891. |
| WILLIAM N. FOLSOM,  | . . . . . | " " 1890.          |
| JOHN W. FARWELL,    | . . . . . | " " 1889.          |

---

## CONSTABLES.

|                   |                      |
|-------------------|----------------------|
| ANSEL B. PIERCE.  | FRANK M. McLAUGHLIN. |
| HENRY B. NEWHALL. |                      |

---

## REGISTRARS OF VOTERS.

|                                    |           |                           |
|------------------------------------|-----------|---------------------------|
| ALFRED HOCKING, <i>Chairman</i> .  | . . . . . | Term expires May 1, 1890. |
| WALTER BABB,                       | . . . . . | " " " 1889.               |
| VICTOR C. KIRMES,                  | . . . . . | " " " 1891.               |
| JOHN LARRABEE, <i>Town Clerk</i> . | . . . . . |                           |

---

## ENGINEERS OF THE FIRE DEPARTMENT.

|                                 |                  |
|---------------------------------|------------------|
| A. WILBUR LYNDE, <i>Chief</i> . | WALTER B. ELLIS. |
| SAMUEL LEAR, <i>Clerk</i> .     |                  |

---

## MEASURERS OF WOOD AND BARK, WEIGHERS OF HAY AND COAL.

|                 |                |
|-----------------|----------------|
| SETH E. BENSON. | M. F. EASTMAN. |
|-----------------|----------------|

---

## SURVEYOR OF LUMBER.

HENRY A. LEONARD,

## POUND KEEPER.

W. TRUMAN HOWARD.

## COMMITTEE ON CEMETERIES.

|                 |                 |
|-----------------|-----------------|
| GEORGE NEWHALL. | DANIEL RUSSELL. |
| JOHN LARRABEE.  |                 |

---

## FENCE VIEWERS.

DEXTER PRATT.

WALTER C. STEVENS.

## FIELD DRIVERS.

OTIS HOWARD.

FRANK GIBBONS.

HENRY B. NEWHALL.

W. TRUMAN HOWARD.

## POLICE OFFICERS.

FRANK M. McLAUGHLIN, *Chief*.

HENRY B. NEWHALL.

REDFORD M. RAND.

JOHN W. DAVIS.

D. T. STOCKWELL.

CHARLES F. W. FOGG.

JAMES MARSHALL.

W. A. CASWELL.

A. WILBUR LYNDE.

OSBORNE E. DROWN.

CHARLES H. FULLER.

ANSEL B. PIERCE.

HENRY BARRON.

## FOREST FIRE WARDS.

DEXTER PRATT.

CHASE C. WORTHEN.

CALVIN LOCKE.

JAMES MARSHALL.

HENRY BARRON.

## SEALER OF WEIGHTS AND MEASURES.

ANSEL B. PIERCE.

## REPORT OF THE SELECTMEN.

---

*To the Citizens of Melrose:*

Herewith we respectfully submit our annual report for the financial year ending Dec. 31, 1888.

### HIGHWAYS.

Your appropriation of \$6,000 (\$500 less than in 1887) together with \$2,750 appropriated for the purpose of rebuilding Gooch, Sewall, School, Larrabee, Albion, Swains Pond Avenue and Second streets, has been carefully, economically, and we think, judiciously expended. The town still suffers from lack of suitable gravel at convenient points, and the cost of transportation from where it is found, adds very materially to the expense of road-making. The only blue gravel pits now available are those belonging to the Boston & Maine Railroad, at Island Hill, Malden, and two at the Highlands near the Wakefield line, involving in either case a very long haul. Common gravel unsuited to heavily traveled thoroughfares can be obtained at other and somewhat nearer points, but the best article is very rapidly disappearing, and it is evident that crushed stone must be resorted to as the principal material in the near future. This method of road-making will give far better results, but at increased expense. At the November meeting we were instructed to purchase a stone crusher. To operate this machine it would be wise to make a liberal appropriation.

# WIDENING OF MAIN STREET AS ORDERED BY THE COUNTY COMMISSIONERS.

Following your instructions voted at the November meeting we advertised for proposals and received the appended bids, viz.:—

|                                  |         |
|----------------------------------|---------|
| From Amos W. Lynde, Melrose,     | \$4,737 |
| “ Robert Philpot, “              | 3,700   |
| “ Levi H. Carter, Lawrence,      | 3,475   |
| “ Walter B. Ellis, Melrose,      | 2,795   |
| “ Edw. McKenna & Co., Hyde Park, | 2,550   |

The contract was consequently awarded to the lowest bidders, Messrs. Edw. McKenna & Co., who are making excellent progress with the work which, when completed, will give a broad avenue from the Malden line to Mount Vernon street, at a nominal expense to the town, considering the value gained as a great public improvement.

## WIDENING OF MAPLE STREET.

We have paid the sum voted by the town as land damages for the widening of this street opposite the Vinton street school house, and it will be necessary to appropriate \$508 to cover that amount.

## DRAIN AND CATCH BASINS ON FRANKLIN AND EMERSON STREETS.

These much needed improvements have been constructed in accordance with your votes, and we are pleased to say serve their purpose admirably.

## NUMBERING OF STREETS.

Following your instructions the streets of the town have been properly numbered, and accurate plans of the work are in the hands of the Town Clerk for examination of parties interested. These plans will serve as a guide whereby to number all new buildings hereafter erected, and should be consulted in every instance to prevent confusion.

## FIRE ALARM.

Your committee contracted with the Gamewell Co., who

performed their work in a thoroughly satisfactory manner, and we congratulate the town on the possession of as good a system as the amount appropriated could possibly obtain.

#### SOLDIERS' LOT IN WYOMING CEMETERY.

The following communication, addressed to the Cemetery Committee, by the Selectmen of 1887, is self-explanatory :

*To the Cemetery Committee of the Town of Melrose.*

GENTLEMEN:—Whereas, at a meeting of the inhabitants of the town held on the ninth day of June A. D., 1863, under Article 6 of the warrant, which was "To see if the Town will set off and appropriate as a free burial place a portion of the new cemetery for the use of those soldiers engaged in the present war, and the families of such as may choose to use the same," it was voted,

"That the Selectmen be authorized to set apart a portion of the new cemetery for the use of those soldiers engaged in the present war and the families of such soldiers as may choose to use the same." (Town Records, Book 1, Page 425,) and whereas, application has been made to this Board by a soldier who enlisted on the quota of this town and rendered service, for a suitable burial place for a member of his family, and upon examination we find that the vote of the town, with one exception, has not been complied with; we have therefore set apart in Wyoming Cemetery, a plot of land which embraces lots numbered from 648 to 664, on the plan of said cemetery, to be hereafter known as the "Soldiers' Lots," to be given such persons as may apply for the same in accordance with the vote passed by the town.

|                  |                               |
|------------------|-------------------------------|
| LEVI S. GOULD,   | } Selectmen<br>of<br>Melrose. |
| JOHN B. SOUTHER. |                               |
| J. P. DEERING.   |                               |

We recommend that the town make an appropriation to put these lots in suitable condition, as this portion of our cemetery has never been properly laid out and graded.



## MAIN STREET CEMETERY.

The Cemetery Committee have moved the hearse house, put in a new fence on the Main street side, and made other repairs rendered necessary. The sidewalk should be raised to correspond with the line of the fence at that point, and a specific sum for that purpose should be added to the appropriation for concrete sidewalks.

## MELROSE COMMON.

We have expended in conjunction with the Improvement Society, the sum of \$150, voted at the annual meeting, for the purpose of planting trees, etc., and also take pleasure in acknowledging the receipt of a donation of \$50 from George W. Farnsworth, Esq., which was applied to the same general improvement.

## MELROSE IMPROVEMENT SOCIETY.

This organization under the management of its public spirited president, W. N. Folsom, Esq., still continues its good work, and is entitled to the support and encouragement of every citizen.

## GIFT TO THE MALDEN FIRE DEPARTMENT.

In accordance with your direction we forwarded to the treasurer of the city of Malden a check for the sum of \$100 to which the engineers added \$100, as an acknowledgment of the valuable service rendered at two fires in our town by the Steam Fire Engine Co. These checks were respectfully returned and the sum of \$100 appropriated still remains in the hands of our treasurer. We await your instruction as to its final disposition.

## THE CASE OF EDWARD HARRIMAN VS. THE TOWN OF MELROSE.

This suit was for personal damages alleged to have occurred near the bridge on Howard street. The town was defended by Col. F. S. Hesseltine, and won the case.

## SUITS NOW PENDING.

Justus Geist for alleged damage by overflow of Ell Pond brook ; A. V. Lynde for alleged trespass or damage to his property by the combined boards of water commissioners; Noyes Ames for damages on Washington street, occasioned by the water pipe of the city of Malden, which is being defended by their city solicitor, and will be settled by them, if judgment should be obtained, and the case of Fox & Boerum for damages to a horse, which the selectmen did not feel justified in settling.

## POLICE.

We recommend an increased appropriation for this department, as the citizens are continually demanding extra protection which it is impossible for the selectmen to furnish under the present limited amount at their command.

## BOARD OF HEALTH.

(J. P. DEERING, Chairman.)

There have been reported to the Board 66 cases of contagious diseases during the year, classified as follows :

| MONTHS.         | Scarlet Fever. | Typhoid Fever. | Diphtheria. |
|-----------------|----------------|----------------|-------------|
| January .....   | 7              | —              | —           |
| February .....  | 17             | —              | —           |
| March .....     | 9              | —              | 1           |
| April .....     | 6              | —              | 1           |
| May .....       | 4              | —              | —           |
| June .....      | —              | —              | 1           |
| July .....      | 1              | 2              | —           |
| August .....    | 1              | —              | 1           |
| September ..... | —              | —              | 2           |
| October .....   | 1              | 1              | 4           |
| November .....  | 2              | 1              | —           |
| December .....  | 1              | 3              | —           |
|                 | 49             | 7              | 10          |

With the exception of the prevalence of scarlet fever, which at the close of the previous year was fast assuming an epidemical form, the record of this class of diseases certainly speaks well for the general sanitary condition of the town. The Board desire at this time to acknowledge the timely and efficient service rendered by the school committee and teachers in their efforts to suppress the further spread of this dread disease among the children attendant upon our public schools.

During the year thirty-seven notices have been issued to owners or agents regarding nuisances existing on or about their premises. These orders from the Board have in all cases received the immediate attention of the parties on whom they were served.

At the November meeting the Board were directed to examine into and cause to be removed, all drains emptying into Ell Pond brook. Acting under these instructions we made personal inspection of all the territory bordering thereon, also of the brooks and ditches that were tributary thereto. As the result of our investigation, twenty-five notices were served directing the immediate removal of such drains and nuisances there existing.

Upon the proper drainage of our town depends largely its future sanitary condition; this subject is one that is now being widely discussed, and the report of the committee appointed by the town to investigate the North Metropolitan System now before the Legislature, will be awaited with interest.

The Board recommend that the sum of two hundred dollars be appropriated for the use of this Department, for the ensuing year.

In conclusion we are happy to state that the town is in excellent condition financially and otherwise, and none of the appropriations have been exceeded.

Respectfully submitted,

LEVI S. GOULD.

JOHN P. DEERING.

CHAS. W. HIGGINS.

*Selectmen of Melrose.*

## REPORT OF OVERSEERS OF THE POOR.

---

Twelve insane persons have been boarded in different State Hospitals during the whole or a part of the year, at a cost of one thousand five hundred and ninety-one dollars and eighty-four cents. See financial column of this report. The whole number of those who have received more or less aid during the year, is ninety-two, sixteen of whom have their settlements in other places, for whose support we are reimbursed. Of the entire number, sixty-four belong to the class temporarily aided, although several of these have been aided to an extent almost bordering upon full support. The number of persons fully supported is twenty-eight. Of those who are at present fully supported, and who would properly become inmates of an almshouse, there are nine males and seven females, most of whom are aged and infirm, and wholly incapacitated for labor.

We will not take the time or space to report the arguments or reasons that might be urged, or that were substantially given in former reports, that a more efficient relief of our fully supported poor might be had by having almshouse accommodations of our own. The Board recommend an appropriation of \$5,000, together with receipts and unexpended balance to the credit of this fund.

H. G. FIELDS,  
M. D. BALE,  
JOHN SINGER, JR.,  
*Overseers of Poor.*

# REPORT OF THE TOWN CLERK.

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## PROCEEDINGS OF TOWN MEETINGS.

*Annual Meeting, March 5, 1888, 7 A. M.*

ARTICLE I OF THE WARRANT. To choose a moderator.  
Chose Levi S. Gould.

ART. 2. To bring in votes on one ballot for selectmen, overseers of poor, clerk, treasurer, collector, assessors, and other officers.

To bring in votes, upon a separate ballot, in answer to the question, "Shall licenses be granted for the sale of intoxicating liquors in this town?" Form of ballots to be "Yes" or "No."

*Voted*, That the officers elected this day shall consist of three selectmen, who shall also be highway surveyors, three overseers of the poor, one clerk, one treasurer, one collector of taxes, three assessors, one water commissioner for three years, one water loan sinking fund commissioner for three years, two school committee for three years, five trustees of the public library, three auditors, and three constables.

*Voted*, That the transaction of town business, other than voting, be postponed to 7.30 P. M., and that when this meeting adjourns it shall be to that time.

Polls opened.

*Voted*, To close the polls at 5 P. M.

*Voted*, That our Representative in the Legislature is hereby urgently requested to oppose the passage of House Bill No. 171, entitled "an act to incorporate the Boston Suburban Land Company," and to authorize said company to acquire, purchase, hold and build on land having a water shed into Spot Pond, and that the Board of Selectmen and the Water Commissioners of Melrose, are hereby appointed a

committee to co-operate with him in opposing the passage of said bill.

Tellers appointed and sworn : Elisha B. Sears, George W. Burke.

At 5 P. M. the polls were closed, and the following persons were declared elected to office by the Moderator.

*Selectmen and Highway Surveyors.*—Levi S. Gould, John P. Deering, Charles W. Higgins.

*Overseers of the Poor.*—Henry G. Fields, John Singer, Jr., Martha D. Bale.

*Town Clerk.*—John Larrabee.

*Town Treasurer.*—George Newhall.

*Collector of Taxes.*—Parker Merrill.

*Assessors.*—John R. Norton, Moses Briggs, Albon W. Parker.

*Water Commissioner for 3 years.*—John R. Jones.

*Water Loan Sinking Fund Commissioner for 3 years.*—Royal P. Barry.

*School Committee for 3 years.*—Arethusa K. Miller, John C. Maker.

*Trustees of the Public Library.*—Elbridge H. Goss, Charles C. Barry, Charles A. Patch, Ruby F. Farwell, Mary L. Charles.

*Auditors.*—Frank E. Orcutt, Walter I. Nickerson, Gilbert N. Harris.

*Constables.*—Ansel B. Pierce, Frank M. McLaughlin, Henry B. Newhall.

#### LICENSE QUESTION.

"Yes," three votes ; "No," five hundred and ninety-five votes.

*Voted,* To adjourn.



*Adjourned Meeting, March 5, 1888, 7.30 P. M.*

ART. 3. To choose all other necessary Town Officers.

OFFICERS ELECTED.

*Measurers of Wood and Bark, Weighers of Hay and Coal.*—Seth E. Benson, M. F. Eastman.

*Surveyor of Lumber.*—Henry A. Leonard.

*Committee on Cemeteries.*—George Newhall, Daniel Russell, John Larrabee.

*Fence Viewers.*—Dexter Pratt, Walter C. Stevens.

*Pound Keeper.*—W. Truman Howard.

*Field Drivers.*—Otis Howard, Frank Gibbons, Henry B. Newhall, W. Truman Howard.

*Scaler of Weights and Measures.*—Ansel B. Pierce.

ART. 4. To authorize the town treasurer to borrow money for the purpose of meeting the demands of the town, with the approval of the selectmen.

*Voted*, unanimously, that the treasurer be authorized, with the approval of the selectmen, to hire money to renew, replace, or pay any existing loan or loans ; also to hire money in anticipation of taxes for the current year, to meet expenses, and issue notes of the town therefor.

ART. 5. To hear and act upon the report of the Finance Committee appointed at meeting held Nov. 12, 1887.

Report read and accepted.

ART. 6. To raise money for schools.

*Voted*, To raise twenty-one thousand, five hundred dollars, which together with the unexpended balance from last year is hereby appropriated.

ART. 7. To raise money for school contingent expenses.

*Voted*, To raise four thousand dollars and the unexpended balance from last year also appropriated.

ART. 8. To raise money for highways.



*Voted*, To raise six thousand dollars.

ART. 9. To raise money for sidewalks.

*Voted*, To raise two thousand dollars, of which amount, five hundred dollars shall be devoted to repairs on existing walks, and the remainder to be expended in the same manner as in previous years.

*Voted*, That the Selectmen be instructed to assess one-half the cost of repairing walks for concrete upon abutters.

ART. 10. To raise money for crossings and gutters.

*Voted*, To raise six hundred dollars.

ART. 11. To raise money for the support of the poor.

*Voted*, To raise five thousand dollars.

ART. 12. To raise money for the Fire Department.

*Voted*, To raise two thousand, one hundred dollars.

ART. 13. To raise money for lighting and care of street lamps.

*Voted*, To raise four thousand five hundred dollars, of which amount, one thousand dollars shall be expended for the furnishing of ten electric lights in addition to the number already located, said lights to be placed by the selectmen where most needed; unexpended balance from last year also appropriated.

ART. 14. To raise money for additional street lamps.

*Voted*, To raise one hundred and fifty dollars.

ART. 15. To raise money for police and watchmen.

*Voted*, To raise two thousand five hundred dollars.

ART. 16. To raise money for contingent expenses.

*Voted*, To raise one thousand four hundred dollars.

ART. 17. To raise money to pay interest on the town debt.

*Voted*, To raise five thousand five hundred dollars, and the unexpended balance from last year also appropriated.

ART. 18. To raise money for the reduction of the town debt.

*Voted,* To raise five thousand dollars.

ART. 19. To raise money for the public library.

*Voted,* To raise seven hundred and fifty dollars, and the dog tax when received to be appropriated for the same purpose.

ART. 20. To raise money to defray expenses of the Board of Health.

*Voted,* To raise two hundred dollars.

ART. 21. To raise money for the use of water in hydrants, public buildings, etc.

*Voted,* To raise two thousand dollars.

ART. 22. To raise money for salaries of town officers, and to fix the compensation of all officers and committees elected or appointed by the town.

*Voted,* To raise three thousand dollars, that the salaries of town officers shall be as follows: auditors, twenty-five dollars each; registrars of voters, twenty-five dollars each; overseers of poor, chairman, two hundred dollars; other members, fifty dollars each; selectmen, two hundred dollars each; treasurer, five hundred dollars; town clerk, three hundred dollars; assessors, one hundred and fifty dollars each; and that the other officers' salaries shall be the same as paid last year.

*Voted,* That the sum of three hundred dollars be appropriated for such clerical services as may be required by the assessors.

*Voted,* That the chairman of the school committee be paid the sum of two hundred dollars for his services for the ensuing year.

ART. 23. To raise money for drainage, bridges and culverts.

*Voted,* To raise one thousand dollars.

ART. 24. To raise money for any other necessary expenses for the ensuing year.

*Voted*, To raise for Town Hall, running expenses, six hundred dollars; military aid, three hundred dollars; insurance, six hundred dollars; deficiencies in accounts, 1887, three hundred and fifty-four dollars and three cents.

*Voted*, That the treasurer be authorized to pay in addition to the sum raised for the running expenses of the Town Hall, a sum not exceeding eight hundred dollars in anticipation of the revenue of said building.

*Voted*, That of the sum raised for highways, two hundred dollars, shall be expended for trimming trees, cleaning the streets of rubbish, etc.

*Voted*, That the unexpended balances from last year, and all other funds in the treasury not otherwise appropriated at this meeting, be applied to the reduction of the town debt.

ART. 25. To determine the method by which the taxes for the year shall be collected.

*Voted*, That all single poll taxes be made payable on or before Aug. 1, 1888; that all other taxes be made payable on or before Oct. 1, 1888; and that interest be added upon all taxes remaining unpaid after that date at the rate of six per centum per annum; that all property on which the taxes remain unpaid on June 1, 1889, be sold by the collector, in accordance with the provisions of law, and that he be instructed to strictly carry out the provisions of the above vote.

ART. 26. To authorize the town treasurer to issue water fund bonds for the purpose of paying the cost of construction for the ensuing year.

*Voted*, That the treasurer be authorized to issue and sell ten water fund bonds, series of 1887, for the purpose of paying the cost of constructing water works for the ensuing year.

ART. 27. (Public park) laid on table.

ART. 28. To see what action the town will take in regard to expending a sum of money on First street on petition of W. N. Folsom and others.

*Voted*, To raise three hundred dollars for repairs on said street.

ART. 29. (Watering streets) laid on table.

ART. 30. To see if the town will provide police patrol both day and night at Melrose Highlands, on petition of John G. Taylor and others.

*Voted*, To indefinitely postpone.

ART. 31. To see what action the town will take to establish telephonic or electrical communication between the outlying districts and the centre for fire alarm and police service.

*Voted*, That Levi S. Gould, Walter B. Ellis, A. Wilbur Lynde, John Singer, Jr., George T. Brown, John B. Souther and John P. Deering be a committee to investigate and report at the adjourned meeting.

ART. 32. To see if the town will raise the sum of two hundred dollars for keeping in repair and decorating the graves of soldiers on Memorial Day.

*Voted*, To raise two hundred dollars.

ART. 33. To see what action the town will take in the matter of laying drain pipe through a brook which runs northwesterly by Linwood avenue, opposite land of James Rendall.

*Voted*, That M. S. Page, W. D. Fiske and H. A. Leonard be a committee to examine into the matter, have the premises surveyed, if necessary, and report at the adjourned meeting.

ART. 34. (By-laws) laid on table.

*Voted*, To adjourn to Monday evening, March 19, at 7.30 o'clock.

*Adjourned Meeting, March 19, 7.30 P. M.*

ART. 39.

*Voted*, That the vote of the town, passed March 5, 1888, instructing the boards of selectmen and water commissioners to aid our representative to the General Court in opposing the passage in the legislature, of House bill numbered 171, being a bill to incorporate the Boston Suburban Land Company, does not bind our representative and the boards of selectmen and water commissioners to oppose any bill that may in the future be reported to the Legislature in a re-draft or in an amended form incorporating said Company, provided that said bill renders impossible any contamination of the water shed or water supply of Spot Pond, and that they be left to act at their own discretion, and in accordance with what appears to them to be for the best interest of the town.

ART. 27. To see what action the town will take relating to the purchase of land for a public park, and pass any vote or votes thereon which may be considered necessary in the premises, on petition of the park commissioners elect.

Report of the park commissioners read and accepted.

On a motion that the park commissioners be authorized, to purchase certain land on the northerly side of Crystal Lake, it was voted to indefinitely postpone the whole matter. On a motion to reconsider, not a vote.

ART. 23. (Drainage.)

*Voted*, That the sum of two hundred and fifty dollars be raised and added to the drainage appropriation, for the purpose of laying a drain from the corner of Emerson and Myrtle streets to connect with drain in Winthrop street, and for the building of catch basins in connection therewith.

ART. 31. (Fire alarm.)

On a motion that the town appropriate the sum of two thousand dollars for the purchase of the Gamewell Fire Alarm system.

*Voted*, To lay the motion on the table.

ART. 29. Passed over.

*Voted*, To adjourn to Monday, March 26, 1888, at 7.30 p. m

*Adjourned Meeting, March 26, 1888, 7.30 P. M.*

ART. 16. (Contingent expenses.)

*Voted*, That the sum of one hundred dollars be raised, in addition to the amount already voted for contingent expenses, and that the town treasurer be authorized to pay bills not exceeding that amount, on approval of the Selectmen, for the expense of surveying and examining land for the Park Commissioners.

ART. 35. To see if the town will purchase the whole or any portion of the Mountain House lot for a public square and raise or appropriate money for the same on petition of M. S. Page, E. H. Goss, Daniel Norton and others.

*Voted*, That this article be referred to the selectmen, to take such legal action as deemed necessary in the premises and report to the town at next meeting.

ART. 31. (Fire alarm.)

*Voted*, That the subject matter of this article be referred to a committee consisting of the board of selectmen, Royal P. Barry and S. H. Buttrick, who shall have full power and authority to purchase and cause to be constructed, a fire alarm system, which in their judgment shall be adequate to the needs of the town, and that the sum of seventeen hundred dollars be raised and appropriated for the purposes named.

ART 29. To see if the town will grant to H. C. Richardson, without charge, the use of water from stand pipes, for the purpose of watering the streets, and also erect two stand pipes where needed, on petition of S. S. Bugbee and others.

*Voted*, That the town erect two stand-pipes and pay for the same out of the contingent appropriation, and that Henry C. Richardson, or any other person who proposes to water the streets in a similar manner, be granted a permit to take water for that purpose, free of charge, under the direction of the water commissioners.

ART. 37. To see if the town will accept the following streets as laid out by the selectmen, viz :—



1. An extension of Mt. Vernon street easterly.
2. Street running from Wyoming avenue southerly to the proposed extension of Mt. Vernon street.
3. Street running from Upham street southerly to Grove street, now known as Fourth street.
4. Street running from Upham street southerly to First street, now known as Tenth street.
5. Street running from the boundary line between Malden and Melrose, at a point near Lebanon street, northerly and easterly around Swains Pond, then westerly until it intersects with Swains Pond avenue, known as the "Old Road," or "Back street."
6. Street running from Upham street northerly to Porter street, now known as School street.
7. Street running from First street southerly to Grove street, now known as Fifth street.
8. Street running from Melrose street northerly and easterly to Franklin street, now known as Albion street.
9. Street running from Wyoming avenue southerly to Borneo street (so called) now known as Pleasant street.
10. Street running from Washington street easterly to Pleasant street (so called) now known as Borneo street.
11. Street running from Washington street northerly to Borneo street, now known as Para street.
12. An extension of Second street easterly, about 700 feet.

ART. 38. To raise money for the building of new streets which may be accepted at this meeting.

SECTIONS 1 AND 2. *Voted*, That action on the reports of the selectmen laying out an extension of Mount Vernon street and Brown street be postponed until the November meeting.

SEC. 3. Report read.

*Voted*, To accept the street as laid out, to be hereafter known as Gooch street, and that \$500 be raised for the building of the same.

SEC. 4. Report read.

*Voted*, To accept the street as laid out, to be hereafter



known as Sewall street, and that \$150 be raised for the building of the same.

SEC. 5. Report read.

*Voted*, To accept the street as laid out, to be hereafter known as Swains Pond Avenue, and that \$1,000 be raised toward the building of the street.

SEC. 6. Report read.

*Voted*, To accept the street as laid out, to be hereafter known as School street, and that \$300 be raised for the building of the street.

SEC. 7. Report read.

*Voted*, To accept the street as laid out, to be hereafter known as Larrabee street, and that \$300 be raised for the building of the street.

SEC. 8. Report read.

*Voted*, To accept the street as laid out, to be hereafter known as Albion street, and that \$300 be raised for the building of the street.

SECS. 9 and 11. Report read.

*Voted*, To accept the street as laid out, to be hereafter known as Pleasant street, its entire length, viz:—from Wyoming avenue to Washington street.

SEC. 10. Report read.

*Voted*, To accept the street as laid out, to be hereafter known as Gould street.

SEC. 12. Report read.

*Voted*, To accept the street as laid out, to be hereafter known as Second street, and that \$200 be raised for the building of the street.

ART. 33. (Drain through brook, Linwood avenue.) Report of committee read and accepted.

*Voted*, To indefinitely postpone further action on the article.

ART. 36. To see if the town will provide for the surveying and numbering of the estates and lots upon the different streets of the town as a prerequisite for a free postal delivery.

*Voted*, That the sum of five hundred dollars be raised and appropriated for the purpose of surveying and numbering the estates and lots upon the different streets of the town and that the board of selectmen, Moses S. Page and C. W. Ellison be a committee to attend to the matter.

ART. 12. (Fire Department.)

*Voted*, That the sum of one hundred dollars be raised and added to the Fire Department appropriation and that said sum be paid to the Fire Department of the city of Malden, for services rendered at the late fire at the Highlands.

ART. 34. To hear and act upon the report of the committee on "By-Laws." Report of the committee accepted.

*Voted*, That the By-Laws, as amended, be accepted and adopted by the Town, to go into effect from and after their approval by the Superior Court, or by a Justice thereof.

ART. 24. To raise money for any other necessary expenses for the ensuing year.

*Voted*, That the sum of one hundred and fifty dollars be raised and appropriated for the setting out of trees and the improvement of Melrose Common, to be expended under the direction of the Melrose Improvement Society. George W. Farnsworth, Esq. then offered to add fifty dollars to the above appropriation.

*Voted*, That the thanks of the town be extended to Mr. Farnsworth for his liberal offer.

ART. 39. Report of selectmen on guide boards read and accepted.

*Voted*, To adjourn *sine die*.

*Meeting, April 30, 7.30 P. M.*

ART. 1. To choose a Moderator. Chose, Levi S. Gould.

ART. 2. To see if the town will purchase a steam fire engine, horses, etc., raise or appropriate money for the same, or authorize the treasurer to borrow the amount necessary, on petition of Francis Bennett and sixty others.

On a motion that the treasurer be authorized to borrow six thousand dollars for the purposes named, the vote was taken by check list and resulted as follows: "Yes" ballots cast 164; "No" ballots cast 143; total 307; two-thirds not voting in the affirmative as required by law, it was declared not a vote.

ART. 3. To see if the town will accept a widening of the easterly end of Maple street, at its junction with Vinton street, and authorize the treasurer to pay damages as awarded by the selectmen. Report read.

*Voted*, unanimously, To accept and adopt the recommendations therein contained and that the treasurer be authorized to pay damages as awarded.

ART. 4. To see if the town will accept that portion of Cedar Park, parallel with the Boston and Main railroad, as laid out by the selectmen, and discontinue so much of said Cedar Park as is now occupied by the Boston and Maine railroad for depot purposes.

Report read and accepted.

*Voted*, To discontinue so much of Cedar Park running southerly, parallel with the Boston and Maine railroad, as is now occupied by said railroad for depot purposes, and to accept the re-location of said Cedar Park as laid out by the selectmen.

ART. 5. To see if the town will build a sidewalk on Howard street and authorize the treasurer to borrow money for the same, on petition of William T. Kennedy and others.

*Voted*, That the sum of two hundred dollars be appropriated for the building of a sidewalk on Howard street, to be expended under the direction of the selectmen.

ART. 6. To see what action the town will take in relation to the removal of any and all buildings which are located upon or within the lines of Ell Pond brook as laid out by the commissioners, and to pass any vote or votes deemed necessary to regulate or prevent drainage into said brook.

*Voted*, unanimously, That a committee of three be appointed to examine into the matter and report at the next town meeting.

Committee appointed, Nathan D. Blake, George W. Burke, Walter C. Stevens.

ART. 7. To hear and act on the reports of committees, and for the transaction of any other business which may legally come before this meeting.

*Voted*, unanimously, That the cemetery committee be authorized to remove from its present location the hearse house in the Main street cemetery, also to re-set headstones, repair fences, and make other needed improvements in the said cemetery, at an expense not exceeding \$500, said sum to be paid out of any fund now or that may be received into the treasury, not otherwise appropriated.

*Voted*, To adjourn.

*Meeting November 6, at 7 A. M.*

ART. 1. To bring in votes to the selectmen for National, State and county officers.

Polls opened at 7 A. M. At 9 A. M., *Voted*, To take up

ART. 2. To choose a moderator to preside for the transaction of town business.

Chose Levi S. Gould.

*Voted*, That the farther transaction of town business be postponed to Thursday evening, at 7.30 o'clock, and that when this meeting adjourns it shall be to that time.

Victor C. Kirmes, George R. Jones and Stephen A. Lovejoy appointed to check the lists, and duly sworn.

Result of the voting under Art. I, as declared. Total number of ballots cast, 1353.

*For Presidential Electors.*

|                        | VOTES. |
|------------------------|--------|
| Republican, . . . . .  | 848    |
| Democratic, . . . . .  | 461    |
| Prohibitory, . . . . . | 42     |

*For Governor.*

|                                            |     |
|--------------------------------------------|-----|
| Oliver Ames of Easton, . . . . .           | 844 |
| William E. Russell of Cambridge, . . . . . | 460 |
| William H. Earle of Worcester, . . . . .   | 43  |
| Elijah A. Morse, . . . . .                 | 1   |

*For Lieutenant-Governor,*

|                                             |     |
|---------------------------------------------|-----|
| John Q. A. Brackett of Arlington, . . . . . | 868 |
| John W. Corcoran of Clinton, . . . . .      | 439 |
| John Bascom of Williamstown, . . . . .      | 44  |
| Blank votes, . . . . .                      | 2   |

*For Secretary of the Commonwealth.*

|                                           |     |
|-------------------------------------------|-----|
| Henry B. Peirce of Abington, . . . . .    | 866 |
| William N. Osgood of Boston, . . . . .    | 445 |
| Henry C. Smith of Williamsburg, . . . . . | 42  |

*For Treasurer and Receiver General.*

|                                           |     |
|-------------------------------------------|-----|
| George A. Marden of Lowell, . . . . .     | 866 |
| Henry C. Thatcher of Yarmouth, . . . . .  | 445 |
| John M. Fisher of Attleborough, . . . . . | 42  |

*For Auditor.*

|                                             |     |
|---------------------------------------------|-----|
| Charles R. Ladd, of Springfield . . . . .   | 865 |
| William A. Williams, of Worcester . . . . . | 446 |
| Edmund M. Stowe, of Hudson . . . . .        | 42  |

*For Attorney General.*

|                                           |     |
|-------------------------------------------|-----|
| Andrew J. Waterman, of Pittsfield . . . . | 865 |
| Samuel O. Lamb, of Greenfield . . . .     | 446 |
| Allen Coffin, of Nantucket . . . .        | 42  |

*For Representative to Congress, Sixth District.*

|                                           |     |
|-------------------------------------------|-----|
| Henry Cabot Lodge, of Nahant . . . , .    | 859 |
| Roland G. Usher, of Lynn . . . .          | 455 |
| George A. Crossman, of Swampscott . . . . | 36  |
| H. C. Lodge, of Lynn . . . .              | 1   |
| Henry Cabot Lodge, of Lynn . . . .        | 1   |

*For Councillor, Sixth District.*

|                                       |     |
|---------------------------------------|-----|
| Francis Jewett, of Lowell . . . .     | 864 |
| Charles J. Williams, of Acton . . . . | 446 |
| James K. Fellows, of Lowell . . . .   | 42  |
| Blank vote . . . .                    | 1   |

*For Senator, Sixth Middlesex District.*

|                                        |     |
|----------------------------------------|-----|
| Alonzo H. Evans, of Everett . . . .    | 863 |
| Lorin L. Fuller, of Malden . . . .     | 446 |
| George M. Buttrick, of Everett . . . . | 40  |
| Blank votes . . . .                    | 4   |

*For County Commissioner.*

|                                        |     |
|----------------------------------------|-----|
| Samuel O. Upham, of Waltham . . . .    | 787 |
| Alphonso M. Lunt, of Cambridge , . . . | 523 |
| George Pillsbury, of Tewksbury . . . . | 42  |
| Blank vote . . . .                     | 1   |

*For County Treasurer.*

|                                         |       |
|-----------------------------------------|-------|
| Joseph O. Hayden, of Somerville . . . . | 1,309 |
| Joseph G. Ball, of Cambridge . . . .    | 42    |
| Blank votes . . . .                     | 2     |



*For Register of Probate and Insolvency.*

|                                        |       |
|----------------------------------------|-------|
| Joseph H. Tyler, of Winchester . . . . | 1,309 |
| William H. Partridge of Newton . . . . | 42    |
| Blank votes . . . . .                  | 2     |

*For Register of Deeds, Southern District.*

|                                          |       |
|------------------------------------------|-------|
| Charles B. Stevens, of Cambridge . . . . | 1,310 |
| Walter K. Fobes, of Somerville . . . .   | 42    |

*For Register of Deeds, Northern District.*

|                                        |    |
|----------------------------------------|----|
| Charles A. Lester, of Lowell . . . . . | 42 |
|----------------------------------------|----|

*For Representative to the General Court, Eleventh Middlesex District.*

|                                       |     |
|---------------------------------------|-----|
| William E. Barrett of Melrose . . . . | 915 |
| Walter Babb, of Melrose , . . . .     | 431 |
| George W. Dew . . . . .               | 1   |
| Blank votes . . . . .                 | 6   |

The ballot box registered as follows : 7.30, 200 ; 8.30, 552 ; 9.30, 687 ; 10, 750 ; 10.30, 806 ; 12 M., 900 ; 1.15, 1060 ; 2.15, 1065 ; 2.45, 1200 ; 3.25, 1255 ; 3.50, 1315 ; 4.17, 1340 ; 4.30, 1352.

*Voted*, To adjourn.

*Adjourned Meeting, November 8, 7.30 P. M.*

ART. 3. To see if the town will accept the jury list as revised.

Amended and accepted.

ART. 4. To see if the town will appropriate money for the purpose of draining Cedar Park, on petition of E. H. Goss and others.

*Voted*, That the selectmen be instructed to properly drain Cedar Park, and that the treasurer be authorized to borrow three hundred dollars to pay for the same.



ART. 5. To see if the town will construct a catch-basin on Franklin street, and lay drain pipe through Warren street, and appropriate or borrow money for the same, on petition of Edward Smith and others.

*Voted*, That the selectmen be instructed to build proper catch-basins, and connect pipe therewith, in accordance with report of surveyor W. C. Stevens, and that the treasurer be authorized to borrow seven hundred dollars for the purposes named.

ART. 6. To see if the town will build a sidewalk on Wyoming avenue, opposite the estate of J. N. Lombard and make improvements on the line of Spot pond brook, opposite said estate and appropriate or borrow money for the same, on petition of J. N. Lombard and others.

*Voted*, unanimously, That the selectmen be instructed to build a sidewalk on Wyoming avenue near Spot pond brook and that the town pay one-half the expense of the retaining walls on the north side of said brook where it formerly encroached on said Wyoming avenue, at \$3.10 per perch.

*Voted*, That the sum of three hundred and fifty dollars be added to the sidewalk appropriation out of which the foregoing expenses shall be paid and that the treasurer be authorized to borrow said amount if necessary.

ART. 7. To see what action the town will take regarding the report of the State Board of Health on the sewerage system for the Mystic valley.

*Voted*, That a committee of five of which the present chairman of the board of selectmen, the chairman of the board of health and our representative in the General Court shall constitute three members, be appointed to take into consideration the report of the State Board of Health on the "North Metropolitan Sewerage system" as far as the same is of interest to this town; with full power to attend any hearing before the legislature or elsewhere, in the premises, reporting back to the town any proposed legislation, before the same shall have been acted upon. Also that said committee shall have full power to examine into and report

upon any system other than the foregoing, which seems to offer a feasible and more economical method for the disposal of the sewage of a community similarly situated to our own. That the committee may be enabled to carry out the spirit of this order the selectmen are authorized to approve and the town treasurer to pay any bills audited by a majority of said committee for the necessary expenses thereof, not exceeding in the aggregate the sum of two hundred and fifty dollars, but said committee shall receive no compensation whatever for services as committee-men.

Committee appointed, Levi S. Gould, John P. Deering, William E. Barrett, Sidney H. Buttrick, William F. Morse.

ART. 8. To see if the town will purchase a stone crusher and authorize the payment for the same.

*Voted*, That the selectmen be authorized to purchase a stone crusher, and that the treasurer be authorized to borrow one thousand dollars to pay for the same.

ART. 9. To see what action the town will take on the widening of Main street, from Malden line to Mt. Vernon street, as laid out and ordered by the county commissioners.

*Voted*, That the treasurer be authorized to borrow the sum of seven thousand five hundred dollars for the purpose of carrying out the order of the county commissioners, and that the selectmen be instructed to advertise for proposals for the building of said street.

ART. 10. To hear and act on the reports of committees and for the transaction of any other business which may legally come before the meeting.

Report of the committee appointed April 30, to examine into matters relating to Ell Pond brook, received and accepted.

*Voted*, That the selectmen as a Board of Health, be instructed to ascertain what drains or cesspools enter or discharge their contents into Ell Pond brook, and that they be instructed to take such action as will abate any nuisance there existing.

*Voted,* That the treasurer be authorized to pay all necessary expenses which may be incurred from January 1, to April 1, 1889, in anticipation of the annual appropriations of the year.

*Voted,* To adjourn.

## APPROPRIATIONS, 1888.

March 5.

|                                                           |             |
|-----------------------------------------------------------|-------------|
| *Schools, support of . . . . .                            | \$21,500 00 |
| *School contingent expenses . . . . .                     | 4,000 00    |
| Highways (\$200 for clearing rubbish) . . . . .           | 6,000 00    |
| Sidewalks, (\$500 for repairing existing walks) . . . . . | 2,000 00    |
| Crossings and gutters . . . . .                           | 600 00      |
| Poor, support of . . . . .                                | 5,000 00    |
| Fire department . . . . .                                 | 2,100 00    |
| Police and watchmen . . . . .                             | 2,500 00    |
| Contingent expenses . . . . .                             | 1,400 00    |
| Board of health (expenses) . . . . .                      | 200 00      |
| *Interest . . . . .                                       | 5,500 00    |
| Reduction of debt . . . . .                               | 5,000 00    |
| Public Library, Dog Tax and . . . . .                     | 750 00      |
| Water, use of . . . . .                                   | 2,000 00    |
| Salaries . . . . .                                        | 3,000 00    |
| Drainage, bridges and culverts . . . . .                  | 1,000 00    |
| Deficiencies (1887) . . . . .                             | 354 03      |
| Town Hall, running expenses . . . . .                     | 600 00      |
| Military aid . . . . .                                    | 300 00      |
| *Street lights . . . . .                                  | 4,500 00    |
| Additional street lamps . . . . .                         | 150 00      |
| Insurance . . . . .                                       | 600 00      |
| Memorial Day . . . . .                                    | 200 00      |
| First Street . . . . .                                    | 300 00      |

---

 \$69,554 03

March 19.

|                                    |        |
|------------------------------------|--------|
| Drainage, Emerson street . . . . . | 250 00 |
|------------------------------------|--------|

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 \$69,804 03

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 \*And unexpended balance of previous year.

March 26.

|                                                               |          |
|---------------------------------------------------------------|----------|
| Fire Department (to be paid Malden Fire Department) . . . . . | \$100 00 |
| Contingent (expenses Park Commissioners) . . . . .            | 100 00   |
| Fire alarm, etc., . . . . .                                   | 1,700 00 |
| Melrose Common . . . . .                                      | 150 00   |
| Surveying and numbering estates and lots . . . . .            | 500 00   |

## NEW STREETS.

|                                   |             |
|-----------------------------------|-------------|
| Gooch street . . . . .            | 500 00      |
| Sewall street . . . . .           | 150 00      |
| Swains Pond Avenue . . . . .      | 1,000 00    |
| School street . . . . .           | 300 00      |
| Larrabee street . . . . .         | 300 00      |
| Albion street . . . . .           | 300 00      |
| Second street extension . . . . . | 200 00      |
|                                   | <hr/>       |
|                                   | 2,750 00    |
|                                   | <hr/>       |
|                                   | \$75,104 03 |

Treasurer authorized to borrow and pay :

April 30.

|                                  |          |
|----------------------------------|----------|
| Maple street widening . . . . .  | \$508 00 |
| Howard street sidewalk . . . . . | 200 00   |
| Main street cemetery . . . . .   | 500 00   |

Nov. 8,

|                                        |             |
|----------------------------------------|-------------|
| Cedar Park drain . . . . .             | 300 00      |
| Franklin street drain , . . . .        | 700 00      |
| Sidewalk, Wyoming avenue . . . . .     | 350 00      |
| Drainage, committee expenses . . . . . | 250 00      |
| Main street, widening . . . . .        | 7,500 00    |
| Stone crusher . . . . .                | 1,000 00    |
|                                        | <hr/>       |
|                                        | \$11,308 00 |

# STATISTICS OF BIRTHS, MARRIAGES AND DEATHS FOR THE YEAR 1888.

|                     | Births.   | Marriages. | Deaths    |
|---------------------|-----------|------------|-----------|
| January . . . . .   | 20        | 8          | 9         |
| February . . . . .  | 5         | 3          | 13        |
| March . . . . .     | 11        | 3          | 11        |
| April . . . . .     | 13        | 13         | 8         |
| May . . . . .       | 13        | 7          | 12        |
| June . . . . .      | 17        | 7          | 9         |
| July . . . . .      | 12        | 4          | 11        |
| August . . . . .    | 13        | 2          | 10        |
| September . . . . . | 16        | 9          | 8         |
| October . . . . .   | 14        | 7          | 9         |
| November . . . . .  | 16        | 10         | 11        |
| December . . . . .  | 14        | 6          | 12        |
|                     | <hr/> 164 | <hr/> 79   | <hr/> 123 |

## BIRTHS.

|                               |           |
|-------------------------------|-----------|
| Number registered . . . . .   | 164       |
| More than last year . . . . . | 9         |
| Males . . . . .               | 84        |
| Females . . . . .             | 80        |
|                               | <hr/> 164 |

Of the above number 149 were born in Melrose and 15 were born in other places

|                                                 |           |
|-------------------------------------------------|-----------|
| Born of American parents . . . . .              | 100       |
| of foreign parents . . . . .                    | 48        |
| of American father and foreign mother . . . . . | 12        |
| of foreign father and American mother . . . . . | 4         |
|                                                 | <hr/> 164 |

## INTENTIONS OF MARRIAGES RECORDED.

|                                             |          |
|---------------------------------------------|----------|
| Whole number of couples . . . . .           | 76       |
| Both parties residing in Melrose . . . . .  | 45       |
| But one party residing in Melrose . . . . . | 31       |
|                                             | <hr/> 76 |

## MARRIAGES.

|                                        |                 |
|----------------------------------------|-----------------|
| Whole number . . . . .                 | 79              |
| More than last year . . . . .          | 11              |
| Both parties American . . . . .        | 41              |
| Both parties foreign . . . . .         | 24              |
| Parties American and foreign . . . . . | 14              |
|                                        | <hr/>           |
| First marriage of persons . . . . .    | 148             |
| Second marriage of persons . . . . .   | 9               |
| Third marriage of persons . . . . .    | 1               |
|                                        | <hr/>           |
|                                        | 158—79 couples. |

## DEATHS.

|                                                            |       |
|------------------------------------------------------------|-------|
| Whole number registered . . . . .                          | 123   |
| More than last year . . . . .                              | 27    |
| Had residence elsewhere . . . . .                          | 2     |
| Males (married) . . . . .                                  | 23    |
| Females (married) . . . . .                                | 20    |
| Widows . . . . .                                           | 11    |
| Widowers . . . . .                                         | 4     |
| Males (single) . . . . .                                   | 6     |
| Females (single) . . . . .                                 | 8     |
| Male children . . . . .                                    | 32    |
| Female children . . . . .                                  | 19    |
|                                                            | <hr/> |
|                                                            | 123   |
| Under one year (still-born or premature birth 13). . . . . | 30    |
| From 1 to 5 . . . . .                                      | 13    |
| 5 " 10 . . . . .                                           | 6     |
| 10 " 20 . . . . .                                          | 6     |
| 20 " 30 . . . . .                                          | 13    |
| 30 " 40 . . . . .                                          | 8     |
| 40 " 50 . . . . .                                          | 6     |
| 50 " 60 . . . . .                                          | 16    |
| 60 " 70 . . . . .                                          | 10    |
| 70 " 80 . . . . .                                          | 8     |
| 80 " 90 . . . . .                                          | 7     |
|                                                            | <hr/> |
|                                                            | 123   |

Oldest persons : Warren Lynde, 89 years, 3 months, 1 day ;  
 Mrs. Hannah Wheaton, 89 years, 11 months ; Mrs. Lucy  
 Harper, 89 years, 2 months, 21 days.



## REGISTRATION OF VOTERS, 1888.

*Males.*

|                                                                              |       |
|------------------------------------------------------------------------------|-------|
| Total number, 1887 . . . . .                                                 | 1,252 |
| Registered previous to March meeting :                                       |       |
| Feb. 24 . . . . .                                                            | 9     |
| 29 . . . . .                                                                 | 24    |
|                                                                              | —     |
|                                                                              | 33    |
| Total . . . . .                                                              | 1,285 |
| Registered previous to November meeting :                                    |       |
| Sept. 20 . . . . .                                                           | 14    |
| Oct. 4 . . . . .                                                             | 46    |
| 18 . . . . .                                                                 | 70    |
| 25 . . . . .                                                                 | 69    |
| 31 . . . . .                                                                 | 22    |
| 31 . . . . .                                                                 | 81    |
|                                                                              | —     |
|                                                                              | 302   |
| Erased on account of deaths, removals and<br>non-payments of taxes . . . . . | 66    |
|                                                                              | —     |
|                                                                              | 236   |
| Total . . . . .                                                              | 1,521 |

*Females.*

|                              |     |
|------------------------------|-----|
| Total number, 1887 . . . . . | 27  |
| Registered during the year : |     |
| Oct. 4 . . . . .             | 15  |
| 18 . . . . .                 | 33  |
| 25 . . . . .                 | 16  |
| 31 . . . . .                 | 18  |
| 31 . . . . .                 | 5   |
|                              | —   |
|                              | 87  |
| Total . . . . .              | 114 |

## JURORS DRAWN DURING THE YEAR.

Jan. 17. Peter D. Meston.  
 Benjamin S. Jones.  
 Orne Upham.  
 Jan. 31. Winthrop Messenger.  
 Feb. 13. Joseph S. Eastman.  
 Mar. 1. Pliny Edson.  
 Robert S. Webster.  
 May 23. Charles M. Field.  
 Henry G. Fields.  
 Oct. 4. John C. Ingalls.  
 George P. Fuller.

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## MILITARY LIST.

Number of persons liable to do military duty, 1,349.

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## DOG LICENSES.

Total number issued, 512; for males, 454; females, 56; breeders' license, 2, (E. H. Moore \$50, George H. Snowden \$25).

|                                          |            |
|------------------------------------------|------------|
| Paid to county treasurer, June 2 . . . . | \$677 60   |
| “ “ “ “ Nov. 17 . . . .                  | 483 00     |
|                                          | <hr/>      |
|                                          | \$1,160 00 |
| Increase over last year . . . . .        | \$148 20   |

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## ORDERS.

Number of orders drawn on town treasurer, 2,705, for the sum of \$90,043 43.

Respectfully submitted,

JOHN LARRABEE,

*Town Clerk.*

# FINANCIAL STATEMENT.

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## SUPPORT OF SCHOOLS.

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### TEACHERS' SALARIES.

|                                                                       |            |
|-----------------------------------------------------------------------|------------|
| Alonzo G. Whitman, High, principal, two months .                      | \$340 00   |
| “ “ “ “ “ 8 “ .                                                       | 1,600 00   |
| A. A. Ballou, “ assistant . . .                                       | 800 00     |
| Clarimond Mansfield, “ “ . . .                                        | 625 00     |
| Hattie G. Ricker, “ “ . . .                                           | 625 00     |
| Harriet C. Fairbanks, eighth grade, principal, two months . . . . .   | 180 00     |
| Harriet C. Fairbanks, eighth grade, principal, eight months . . . . . | 800 00     |
| Nellie H. Rogers, eighth grade, assistant, six months . . . . .       | 330 00     |
| Effie C. Sweetser, eighth grade, assistant four months . . . . .      | 220 00     |
| Lucy W. Bisbee, seventh grade, Emerson street, six months . . . . .   | 330 00     |
| Mary W. French, seventh grade, Emerson street, four months . . . . .  | 220 00     |
| Alice M. Swett, seventh grade, Emerson street .                       | 550 00     |
| Lydia Mendum, seventh and sixth grades, Franklin street . . . . .     | 550 00     |
| Susan D. Melcher, sixth grade, Centre . . .                           | 550 00     |
| Helen J. Barrett, sixth grade, Grove street . .                       | 550 00     |
| Mary J. George, fifth grade, Centre . . .                             | 500 00     |
| Kate W. Bascom, “ “ Grove street . .                                  | 500 00     |
| <i>Amount carried forward,</i> . . . .                                | \$9,270 00 |

|                                                                                 |                   |
|---------------------------------------------------------------------------------|-------------------|
| <i>Amount brought forward,</i>                                                  | \$9,270 00        |
| Belle Mitchel, fifth and fourth grades, Franklin street . . . . .               | 500 00            |
| Lillie J. Davis, fourth and third grades, Centre, two months . . . . .          | 90 00             |
| Lillie J. Davis, fourth and third grades, Centre, eight months . . . . .        | 400 00            |
| Alma J. Guptill, fourth and third grades, Grove street, two months . . . . .    | 95 00             |
| Alma J. Guptill, fourth and third grades, Grove street, eight months . . . . .  | 400 00            |
| Effie C. Sweetser, fourth and third grades, Lynde street, two months . . . . .  | 90 00             |
| Effie C. Sweetser, fourth and third grades, Lynde street, four months . . . . . | 200 00            |
| Florence M. Ellis, fourth and third grades, four months . . . . .               | 200 00            |
| Alice H. Long, fourth and third grades, . . . . .                               | 500 00            |
| Emma A. Weeks, fourth and third grades, Converse . . . . .                      | 450 00            |
| Mary A. Plummer, third and second grades, Franklin . . . . .                    | 450 00            |
| Lucy F. Dermot, second grade, Vinton . . . . .                                  | 500 00            |
| Ella M. Donkin, second and first grades, Centre, six months . . . . .           | 300 00            |
| Isabel Chapin, second and first grades, four months. . . . .                    | 200 00            |
| Mary I. Hersey, second and first grades, Grove street, six months . . . . .     | 300 00            |
| Della H. Crosby, second and first grades, Grove street . . . . .                | 200 00            |
| Mary E. Nye, second and first grades, Lynde street . . . . .                    | 450 00            |
| Gertrude Smith, second and first grades, Converse . . . . .                     | 450 00            |
| Emma L. Randlett, first grade, Franklin . . . . .                               | 500 00            |
| Annie M. Ransom, first grade, Vinton street . . . . .                           | 450 00            |
| Florence M. Perry, first grade, Green street, four months . . . . .             | 180 00            |
| <i>Amount carried forward,</i>                                                  | <hr/> \$16,175 00 |

|                                                |             |
|------------------------------------------------|-------------|
| <i>Amount brought forward,</i>                 | \$16,175 00 |
| Anna B. Chadbourne, mixed school, Upham street | 450 00      |
| Marion H. Morgan, mixed school, Ripley         | 450 00      |
| Harry Benson, music                            | 350 00      |
| Wallace Bryant, drawing                        | 232 50      |
|                                                | <hr/>       |
|                                                | \$17,657 50 |

## JANITORS' SALARIES.

|                                                               |            |
|---------------------------------------------------------------|------------|
| F. M. McLaughlin, High School building, one year              | \$324 00   |
| John W. Davis, Centre, eight months                           | 116 64     |
| Addison G. Jewett, Centre, two months                         | 29 16      |
| Charles H. Fuller, Franklin, eight months                     | 116 64     |
| “ “ “ “ four “                                                | 78 32      |
| James A. Lambert, Grove street, ten months                    | 145 80     |
| Anthony A. Rich, Vinton street, ten months                    | 145 80     |
| Joseph S. Emerson, Fells, one year                            | 99 96      |
| William F. Serrat, Lynde street, one year                     | 99 96      |
| Eri Upham, Upham street, one year                             | 60 00      |
| John Davis, Swains Pond avenue, one year                      | 60 00      |
| Felix Blanchard, Centre, Grove and Vinton street, two months. | 87 50      |
|                                                               | <hr/>      |
|                                                               | \$1,363 78 |

## SCHOOL COMMITTEE'S SALARIES, 1888-89.

|                          |          |
|--------------------------|----------|
| John O. Norris, chairman | \$200 00 |
| Charles F. Loring        | 50 00    |
| John C. Maker            | 50 00    |
| Mrs. S. W. Bradbury      | 50 00    |
| “ A. K. Miller           | 50 00    |
| “ A. B. P. Waterhouse    | 50 00    |
|                          | <hr/>    |
|                          | \$450 00 |

## SCHOOL SUPPLIES.

|                                       |          |
|---------------------------------------|----------|
| Mrs. A. K. Miller, distributing agent | \$125 04 |
|---------------------------------------|----------|

## FUEL.

|                              |           |            |
|------------------------------|-----------|------------|
| S. E. Benson, coal and wood  | . . . . . | \$1,217 50 |
| C. B. & F. H. Goss, coal     | . . . . . | 631 80     |
| M. F. Eastman, “             | . . . . . | 360 00     |
| J. McCarthy's Sons, charcoal | . . . . . | 35 00      |
|                              |           | <hr/>      |
|                              |           | \$2,244 30 |

## RECAPITULATION.

|                      |           |             |
|----------------------|-----------|-------------|
| Teachers' salaries   | . . . . . | \$17,657 50 |
| Janitors' “          | . . . . . | 1,363 78    |
| Committees' salaries | . . . . . | 450 00      |
| Supply agent, salary | . . . . . | 125 04      |
| Fuel                 | . . . . . | 2,244 30    |
|                      |           | <hr/>       |
|                      |           | \$21,840 62 |

## CONTRA.

|                               |           |             |
|-------------------------------|-----------|-------------|
| Appropriation                 | . . . . . | \$21,500 00 |
| Unexpended balance, 1887      | . . . . . | 237 65      |
| Receipts.                     |           |             |
| Commonwealth of Massachusetts | . . . . . | 91 82       |
| Tuition of children           | . . . . . | 20 00       |

|                    |           |             |
|--------------------|-----------|-------------|
|                    |           | <hr/>       |
|                    |           | \$21,849 47 |
| Balance unexpended | . . . . . | 8 85        |
|                    |           | <hr/>       |
|                    |           | \$21,849 47 |

2430

26279

## SCHOOL CONTINGENT EXPENSES.

## EXPENDED.

*Books, Stationery, Supplies, Etc.*

|                                            |          |
|--------------------------------------------|----------|
| D. Appleton & Co.                          | \$156 17 |
| A. E. Wells                                | 120 00   |
| Prang Educational Company                  | 69 60    |
| Carl Schoenhof                             | 1 40     |
| Frost & Adams                              | 18 45    |
| D. C. Heath & Co.                          | 28 55    |
| Clark & Maynard                            | 8 50     |
| John Brown                                 | 5 00     |
| Willard Small                              | 10 92    |
| J. L. Hammett                              | 88 91    |
| George F. King & Merrill                   | 305 02   |
| Edward E. Babb & Co.                       | 102 04   |
| Ginn & Co.                                 | 77 29    |
| Thompson, Brown & Co.                      | 8 80     |
| Ticknor & Co.                              | 28 90    |
| Boston School Supply Co.                   | 29 56    |
| Maynard & Noyes                            | 5 25     |
| Harry Benson, music                        | 3 35     |
| Universal Book Protector Manufacturing Co. | 3 15     |
| Eastern Educational Bureau                 | 7 00     |
| E. S. Ritchie & Sons                       | 69 70    |
| Fairbanks, Brown & Co.                     | 8 25     |
| Potter, Knight, Ainsworth & Co.            | 16 10    |
| Oliver Ditson & Co.                        | 9 29     |
| F. M. Ambrose                              | 78 00    |
| The Thorp & Adams Manufacturing Company    | 25 86    |
| Harrison Hume                              | 7 00     |
| Knight, Loomis & Co.                       | 7 35     |
| Wm. Ware & Co.                             | 33 30    |
| Harper & Brothers                          | 35 52    |
| Leach, Shewell & Sanborn                   | 46 80    |

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*Amount carried forward,* \$1,415 03



|                                |            |
|--------------------------------|------------|
| <i>Amount brought forward,</i> | \$1,415 03 |
| Cowperthwait & Co.             | 5 60       |
| Houghton, Mifflin & Co.        | 7 65       |
| Robert Burlen                  | 19 55      |
| A. M. Edwards & Co.            | 25 00      |
| George S. Perry                | 66 59      |
| Pulsifer, Jordan & Pfaff       | 131 60     |
| A. Lovell & Co.                | 28 00      |
| Interstate Publishing Co.      | 5 00       |
| J. A. Swasey                   | 6 17       |
| Educational Publishing Co.     | 2 88       |

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\$1,713 07

*General Repairs, Buildings, Etc.*

*(Carpenters, Masons, Painters and others, Stock and Labor.)*

|                                                |         |
|------------------------------------------------|---------|
| J. P. Deering, lumber                          | \$48 97 |
| A. J. Wilkinson & Co., door-checks             | 63 26   |
| J. A. Swasey, blackboard surface               | 78 72   |
| R. L. Page, blackboard surface and repairs     | 30 76   |
| James Rendall, carpenter                       | 186 82  |
| D. R. Woodward, carpenter                      | 9 10    |
| E. N. Sargent                                  | 2 75    |
| A. A. Rich                                     | 5 88    |
| John Hunnewill                                 | 21 25   |
| O. E. Drown                                    | 121 06  |
| Roger Hunnewill,                               | 16 75   |
| H. B. Upham                                    | 12 50   |
| A. W. Lynde, grading and mason work            | 78 87   |
| A. B. Franklin, repairing regulator            | 2 75    |
| J. L. Holbrook, repairs stoves, furnaces, etc. | 167 10  |
| J. C. Howes, " " " "                           | 182 42  |
| Perry Brothers, hardware                       | 39 75   |
| C. H. Trowbridge, glazing                      | 2 25    |
| J. M. Oakes, "                                 | 1 30    |
| George W. Dew, painting                        | 425 64  |
| Caswell, Drown & Co., labor                    | 18 78   |

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*Amount carried forward,* \$1,516 68

|                                                                  |            |
|------------------------------------------------------------------|------------|
| <i>Amount brought forward,</i>                                   | \$1,516 68 |
| William Cooper, graining                                         | 15 00      |
| W. A. Caswell, painting                                          | 28 55      |
| A. W. Parker, "                                                  | 62 88      |
| J. H. Patterson, mason                                           | 41 86      |
| C. S. Parker & Sons, slating roof                                | 21 78      |
| W. Emery & Co., blinds                                           | 3 70       |
| Walter B. Ellis, 195.1 yards concrete walks, at 40 cents         | 78 04      |
| One-half expense of 127.5 yards, concrete side-walk, at 50 cents | 31 88      |
|                                                                  | <hr/>      |
|                                                                  | \$1,800 37 |

*Furniture.*

|                                             |         |
|---------------------------------------------|---------|
| J. B. Souther & Co., table                  | \$8 50  |
| Clifford & Allen, settees                   | 5 28    |
| F. M. Holmes Furniture Co., desk and chairs | 33 70   |
| A. G. Whitcomb, table                       | 5 00    |
|                                             | <hr/>   |
|                                             | \$52 48 |

*Printing.*

|                           |         |
|---------------------------|---------|
| Dunton & Potter           | \$5 75  |
| L. F. Williams            | 17 50   |
| J. H. Daniels, (diplomas) | 29 65   |
| Babb & Stephens           | 12 50   |
|                           | <hr/>   |
|                           | \$65 40 |

*Sundries.*

|                                           |         |
|-------------------------------------------|---------|
| J. H. Gately, repairing desks             | \$ 7 00 |
| Thomas Ireland, cleaning clocks           | 18 75   |
| D. M. White, tuning and repairing piano   | 3 50    |
| Jacob Lehmann, tuning and repairing piano | 2 50    |
| Globe Stamp Works, rubber stamp           | 1 00    |
|                                           | <hr/>   |
| <i>Amount carried forward,</i>            | \$32 75 |

## FINANCIAL STATEMENT.

47

|                                                    |          |
|----------------------------------------------------|----------|
| <i>Amount brought forward,</i>                     | \$32 75  |
| Lemuel Merrill, keys                               | 1 70     |
| S. O. Eldridge's express                           | 1 50     |
| Eastman's express                                  | 18 90    |
| W. E. Locke's express                              | 85       |
| American Express Company                           | 15       |
| John Larrabee, disinfectants                       | 2 65     |
| Lappen Brothers, dusters, brushes, etc.            | 50 28    |
| F. M. McLaughlin, repairing wheelbarrow            | 2 45     |
| Thomas Keating, carriage hire                      | 3 00     |
| E. M. Donkin, filling diplomas                     | 6 30     |
| Clifford P. Sprunt, violin obligato                | 1 00     |
| A. E. Worthen, services taking tickets             | 1 00     |
| C. H. Fuller, teaming settees                      | 3 00     |
| Wakefield Odorless Excavating Co., cleaning vaults | 36 00    |
| C. H. Fuller, labor cleaning cellar                | 5 00     |
| George W. Bartlett, carriage hire                  | 2 00     |
| Peabody & Whitney, step-ladder                     | 2 40     |
| Frost & Hawes, pails and brooms                    | 1 15     |
| Bugbee & Barrett, sundries                         | 5 89     |
|                                                    | <hr/>    |
|                                                    | \$177 37 |

## RECAPITULATION.

|                                   |            |
|-----------------------------------|------------|
| Books, stationery, supplies, etc. | \$1,713 07 |
| General repairs                   | 1,800 37   |
| Furniture                         | 52 48      |
| Printing                          | 65 40      |
| Sundries                          | 177 97     |
|                                   | <hr/>      |
|                                   | \$3,809 29 |

*Contra.*

|                          |            |
|--------------------------|------------|
| Appropriation            | \$4,000 00 |
| Balance unexpended, 1887 | 429 08     |
| Received for books       | 1 46       |
|                          | <hr/>      |
|                          | \$4,430 54 |
| Balance unexpended       | 621 25     |
|                          | <hr/>      |
|                          | \$4,430 54 |

## FIRE DEPARTMENT.

|                                      |            |
|--------------------------------------|------------|
| Appropriation . . . . .              | \$2,100 00 |
| “ to be paid Malden fire dep't . . . | 100 00     |
|                                      | <hr/>      |
|                                      | \$2,200 00 |

## EXPENDED.

*Contingent Expenses.*

|                                                  |          |
|--------------------------------------------------|----------|
| Cornelius Callahan & Co., 600 feet hose . . .    | \$318 00 |
| Board of Engineers, services for one year . . .  | 75 00    |
| Dunton & Potter, printing . . . . .              | 14 50    |
| A. J. Morse & Son, gates, nozzles, etc., . . .   | 42 26    |
| W. T. Howard, care of Endeavor engine . . .      | 5 00     |
| Joseph Edwards, wrenches, repairs, etc., . . .   | 7 50     |
| Eastman's Express . . . . .                      | 3 50     |
| S. A. Robinson & Co. teams, baiting horses . . . | 7 00     |
| James H. Berry, teaming hose . . . . .           | 5 00     |
| Bugbee & Barrett, sundries . . . . .             | 2 18     |
| W. A. Caswell, painting . . . . .                | 2 50     |
| Perry Bros., hardware . . . . .                  | 2 61     |
| M. F. Eastman, cannel coal . . . . .             | 50       |
| S. E. Benson, “ . . . . .                        | 10 50    |
| J. B. Johnson, covering wrenches . . . . .       | 1 50     |
| O. E. Drown, stock and labor . . . . .           | 4 70     |
| Samuel Lear, “ “ . . . . .                       | 3 30     |
|                                                  | <hr/>    |
|                                                  | \$505 55 |

*Bigelow Hook and Ladder Company No. 1.*

|                                              |          |
|----------------------------------------------|----------|
| Services of men, one year . . . . .          | \$400 00 |
| Services of steward, one year . . . . .      | 40 00    |
| Eastman's Express, horses to fires . . . . . | 51 00    |
| Frost & Hawes, sundries . . . . .            | 2 00     |
| Joseph Edwards, repairs . . . . .            | 13 10    |
|                                              | <hr/>    |
|                                              | \$506 10 |

*Russell Hose Company No. 1.*

|                                                                  |          |
|------------------------------------------------------------------|----------|
| Services of men . . . . .                                        | \$236 65 |
| Services of steward . . . . .                                    | 40 00    |
| Joseph Edwards, iron work and snaps . . . . .                    | 8 95     |
| Malden and Melrose Gas Light Company 7,600<br>feet gas . . . . . | 15 20    |
| M. F. Eastman, coal . . . . .                                    | 3 75     |
| Bugbee & Barrett, rope and oil . . . . .                         | 83       |
| J. B. Johnson, coat straps . . . . .                             | 60       |
| G. W. Bartlett, horses to fires . . . . .                        | 27 00    |
|                                                                  | <hr/>    |
|                                                                  | \$332 98 |

*N. D. Blake Hose Company, No. 2.*

|                                                                   |          |
|-------------------------------------------------------------------|----------|
| Services of men . . . . .                                         | \$201 66 |
| Services of steward . . . . .                                     | 40 00    |
| Horse to fires . . . . .                                          | 34 00    |
| L. W. Gilman, rent 9 months . . . . .                             | 112 50   |
| S. E. Benson, coal . . . . .                                      | 17 00    |
| M. F. Eastman, coal and wood . . . . .                            | 5 63     |
| Malden and Melrose Gas Light Company, 2,900<br>feet gas . . . . . | 5 80     |
| J. R. Gibbons, teaming hose . . . . .                             | 1 50     |
| Joseph Edwards, repairs . . . . .                                 | 10 25    |
| Bugbee & Barrett, sundries . . . . .                              | 2 25     |
|                                                                   | <hr/>    |
|                                                                   | \$430 59 |

*Highlands Hose Company, No. 3.*

|                                                  |          |
|--------------------------------------------------|----------|
| Services of men . . . . .                        | \$240 00 |
| Services of steward . . . . .                    | 40 00    |
| Samuel Lear, stock and labor . . . . .           | 5 92     |
| S. A. Robinson & Co., horses to fires . . . . .  | 28 00    |
| S. E. Benson, coal . . . . .                     | 7 50     |
| F. H. Tyzzer, painting and repairs . . . . .     | 7 00     |
| Joseph Edwards, new spokes and repairs . . . . . | 12 75    |
|                                                  | <hr/>    |
|                                                  | \$341 17 |

## RECAPITULATION.

|                                          |            |
|------------------------------------------|------------|
| Contingent expenses . . . . .            | \$505 55   |
| Bigelow H. & L. Company No. 1 . . . . .  | 506 10     |
| Russell Hose Company No. 1 . . . . .     | 332 98     |
| N. D. Blake Hose Company No. 2 . . . . . | 430 59     |
| Highland Hose Company No. 3 . . . . .    | 341 17     |
|                                          | <hr/>      |
|                                          | \$2,116 39 |

## CONTRA.

|                                                        |            |
|--------------------------------------------------------|------------|
| Appropriation . . . . .                                | \$2,100 00 |
| Appropriation (to be paid Malden fire dep't) . . . . . | 100 00     |
| Received for old hose sold . . . . .                   | 24 00      |
|                                                        | <hr/>      |
|                                                        | \$2,224 00 |
| Balance unexpended . . . . .                           | \$7 61     |
| Appropriated to pay Malden fire dep't . . . . .        | 100 00     |
|                                                        | <hr/>      |
|                                                        | \$2,224 00 |

## SIDEWALKS.

|                                                                                                                          |            |
|--------------------------------------------------------------------------------------------------------------------------|------------|
| Appropriation . . . . .                                                                                                  | \$2,000 00 |
| Received for building and grading walks for con-<br>creting, assessments levied, and for concret-<br>ing walks . . . . . | 169 26     |
|                                                                                                                          | <hr/>      |
|                                                                                                                          | \$2,169 26 |

## EXPENDED.

|                                                                              |            |
|------------------------------------------------------------------------------|------------|
| Walter B. Ellis, for laying 547.3 yards concrete at<br>34 cents . . . . .    | 186 08     |
| One-half expense of laying 3,196.7 yards con-<br>crete at 34 cents . . . . . | 543 44     |
| Top dressing 4,496.9 yards concrete at 15<br>yards . . . . .                 | 674 53     |
| Patching concrete . . . . .                                                  | 90         |
| Grading walks for concrete . . . . .                                         | 219 59     |
|                                                                              | <hr/>      |
|                                                                              | \$1,624 54 |

|                                            |        |            |
|--------------------------------------------|--------|------------|
| <i>Amount brought forward,</i>             |        | \$1,624 54 |
| C. L. Hoffman, for laying 4 yards concrete |        |            |
| at 34 cents                                | \$1 36 |            |
| Top dressing 45.2 yards concrete at        |        |            |
| 15 cents                                   | 6 78   |            |
|                                            | <hr/>  | \$8 14     |
| Robert Philpot, one-half expense of laying | 135.2  |            |
| yards concrete at 34 cents                 |        | 22 99      |
| Walter C. Stevens, surveying               |        | 23 00      |
|                                            |        | <hr/>      |
|                                            |        | \$1,678 67 |

*Paid to Owners of Estates on Account of Walks Laid.*

|                                                 |  |          |
|-------------------------------------------------|--|----------|
| William B. Robinson, 121 yards concrete and     |  |          |
| grading                                         |  | \$25 57  |
| William T. Kennedy, 73 yards concrete and grad- |  |          |
| ing                                             |  | 17 46    |
| F. H. Damon, 105.9 yards concrete and grading   |  | 18 00    |
| M. G. Cochran, 200.5 " " " "                    |  | 38 35    |
| D. L. Webster, 90.2 " " " "                     |  | 22 55    |
| Jonathan Barrett, 52 " " " "                    |  | 21 84    |
| John Casey, building walk                       |  | 6 00     |
|                                                 |  | <hr/>    |
|                                                 |  | \$149 77 |

*For Labor and Teams.*

|                                          |         |          |
|------------------------------------------|---------|----------|
| Superintendent, 9 days, at \$2.50 per    |         |          |
| day                                      | \$22 50 |          |
| Team, 34 3-4 days, at \$1.50 per day     | 52 13   |          |
| Laborers, 147 1-2 days at \$1.76 per day | 259 59  |          |
|                                          | <hr/>   |          |
|                                          |         | \$334 22 |

*Wyoming Ave. Sidewalk.*

*(Opposite Lombard Estate, expended as per vote of the Town.)*

EXPENDED.

|                                       |         |
|---------------------------------------|---------|
| T. R. Newhall, 160 feet bridge covers | \$44 00 |
|---------------------------------------|---------|



*Labor and Teams.*

|                                                   |      |          |
|---------------------------------------------------|------|----------|
| Superintendent, 11 1-2 days at \$2.50             |      |          |
| per day . . . . .                                 | \$28 | 75       |
| Teams, 37 days, at \$1.50 per day . . . . .       | 55   | 50       |
| Laborers, 78 3-4 days at \$1.76 per day . . . . . | 138  | 60       |
|                                                   |      | <hr/>    |
|                                                   |      | 222 85   |
|                                                   |      | <hr/>    |
|                                                   |      | \$266 85 |

## RECAPITULATION.

|                                                                              |         |       |            |
|------------------------------------------------------------------------------|---------|-------|------------|
| Concreting and surveying . . . . .                                           | \$1,678 | 67    |            |
| Owners of estates for walks laid . . . . .                                   | 149     | 77    |            |
| Labor and teams . . . . .                                                    | 334     | 22    |            |
|                                                                              |         | <hr/> |            |
|                                                                              | \$2,162 | 66    |            |
| Treasurer authorized to borrow on account of Wyoming Ave. sidewalk . . . . . | \$350   | 00    |            |
| Expended as shown and charged to above account . . . . .                     | 266     | 85    |            |
| Appropriation and receipts . . . . .                                         |         |       | 2,169 26   |
| Balance unexpended . . . . .                                                 | 6       | 60    |            |
|                                                                              |         | <hr/> |            |
|                                                                              | \$2,169 | 26    | \$2,169 26 |

## SUPPORT OF POOR.

## EXPENDED.

*For Groceries, Provisions, Supplies, Etc.*

|                               |         |       |
|-------------------------------|---------|-------|
| L. F. Hinckley . . . . .      | \$361   | 75    |
| Bugbee & Barrett . . . . .    | 106     | 35    |
| George U. Baker . . . . .     | 47      | 76    |
| W. E. Gerry . . . . .         | 180     | 00    |
| L. W. Gilman . . . . .        | 6       | 00    |
| James Worthen . . . . .       | 299     | 87    |
| Worthen & Goodridge . . . . . | 70      | 23    |
| W. H. Wells . . . . .         | 9       | 00    |
| Frost & Hawes . . . . .       | 21      | 00    |
| Lawrence Leonard . . . . .    | 156     | 00    |
|                               |         | <hr/> |
|                               | \$1,257 | 96    |

*For Support of Insane.*

|                                          |            |
|------------------------------------------|------------|
| The Worcester Lunatic Hospital . . . .   | \$339 84   |
| The Danvers Lunatic Hospital . . . .     | 616 38     |
| The Worcester Insane Asylum . . . .      | 169 92     |
| The Northampton Lunatic Hospital . . . . | 169 92     |
| Tewksbury Insane Asylum . . . .          | 93 36      |
| The Westboro' Insane Hospital . . . .    | 202 42     |
|                                          | <hr/>      |
|                                          | \$1,591 84 |

*Burial Expenses.*

|                              |         |
|------------------------------|---------|
| A. B. Pierce & Son . . . . . | \$96 00 |
|------------------------------|---------|

*Rents.*

|                                        |          |
|----------------------------------------|----------|
| John E. McGlinn, 12 months . . . .     | \$96 00  |
| Charles A. Larrabee, 15 months . . . . | 195 00   |
| John W. Cobb, 12 months . . . .        | 48 00    |
| B. R. Upham, 60 weeks . . . .          | 90 00    |
| M. D. Brooks, 8 1-3 months . . . .     | 41 53    |
| Mrs. Geo. Hemmenway, 7 months . . . .  | 21 00    |
| Estate C. A. Green, 6 months . . . .   | 36 00    |
|                                        | <hr/>    |
|                                        | \$527 53 |

*Fuel.*

|                              |          |
|------------------------------|----------|
| James Marshall . . . . .     | \$145 29 |
| M. F. Eastman . . . . .      | 59 50    |
| F. R. Upham . . . . .        | 2 15     |
| S. E. Benson . . . . .       | 148 74   |
| C. B. & F. H. Goss . . . . . | 4 88     |
|                              | <hr/>    |
|                              | \$360 56 |

*Medical Attendance, Medicines and Nursing.*

|                                        |         |
|----------------------------------------|---------|
| F. H. Morse, M. D., attendance . . . . | \$10 00 |
| H. C. Williams, M. D. " . . . .        | 22 00   |
| E. L. Warren, M. D. " . . . .          | 9 00    |
| John Larrabee, medicines . . . .       | 34 90   |
| Anna Grover, nursing . . . .           | 21 00   |
|                                        | <hr/>   |
|                                        | \$96 90 |

*Outside Relief.*

|                          |          |
|--------------------------|----------|
| City of Boston . . . . . | \$25 02  |
| Lynn . . . . .           | 134 90   |
| Malden . . . . .         | 324 00   |
|                          | <hr/>    |
|                          | \$483 92 |

*Board and Clothing.*

|                                                               |            |
|---------------------------------------------------------------|------------|
| Mary D. Gibbs, 19 weeks . . . . .                             | \$38 00    |
| Katherine Gallagher, 41 weeks . . . . .                       | 82 00      |
| S. M. M. McLoon, 52 weeks 2 days . . . . .                    | 156 88     |
| E. J. Barron, 12 months . . . . .                             | 156 00     |
| Mass. School for Feeble Minded, 52 weeks, 2<br>days . . . . . | 169 92     |
| Mass. School for Feeble Minded, clothing, . . . . .           | 10 76      |
| State Industrial School, 13 weeks, 1 day . . . . .            | 13 14      |
| C. S. Jones, 56 weeks, 5 days, . . . . .                      | 226 86     |
| H. M. Phillips, 27 weeks, 1 day . . . . .                     | 109 50     |
| St. Vincent's Asylum, 12 months, . . . . .                    | 72 00      |
| F. E. Upham, 52 weeks, . . . . .                              | 52 00      |
| F. E. Upham, clothing . . . . .                               | 17 75      |
|                                                               | <hr/>      |
|                                                               | \$1,104 81 |

*Sundries.*

|                                           |          |
|-------------------------------------------|----------|
| H. G. Fields, boots and shoes . . . . .   | \$172 05 |
| H. G. Fields, expense . . . . .           | 5 40     |
| Overseers of poor, expense . . . . .      | 7 84     |
| Isabella Nelson, cash allowance . . . . . | 78 00    |
| C. G. Harris, dry goods . . . . .         | 47 40    |
| Hurd & Balfour, dry goods . . . . .       | 3 90     |
| A. B. Pierce, removing person . . . . .   | 2 00     |
| E. P. Waitt, hair cutting . . . . .       | 75       |
| Geo. W. Bartlett, carriage hire . . . . . | 21 50    |
| C. W. Ellison, P. M., box rent . . . . .  | 25       |
| D. H. Bigelow, meals . . . . .            | 8 00     |
| O. E. Drown, meals to tramps . . . . .    | 12 00    |
|                                           | <hr/>    |
|                                           | \$359 09 |

## RECAPITULATION.

|                                              |            |
|----------------------------------------------|------------|
| Groceries, provisions and supplies . . . . . | \$1,257 96 |
| Insane, support of . . . . .                 | 1,591 84   |
| Burial expenses, . . . . .                   | 96 00      |
| Rents, . . . . .                             | 527 53     |
| Fuel . . . . .                               | 360 56     |
| Medical attendance, etc., . . . . .          | 96 90      |
| Outside relief . . . . .                     | 483 92     |
| Board and clothing . . . . .                 | 1,104 81   |
| Sundries, . . . . .                          | 359 09     |
|                                              | <hr/>      |
|                                              | \$5,878 61 |

## CONTRA.

|                                |            |
|--------------------------------|------------|
| Appropriation . . . . .        | \$5,000 00 |
| “ (deficiency, 1887) . . . . . | 303 16     |
|                                | <hr/>      |
|                                | \$5,303 16 |

## RECEIPTS.

|                              |            |
|------------------------------|------------|
| From Peter Edgerly . . . . . | \$170 38   |
| City of Malden . . . . .     | 12 50      |
| City of Boston . . . . .     | 21 88      |
| Town of Middleton . . . . .  | 341 13     |
| Town of Falmouth . . . . .   | 127 55     |
| Town of Rockland . . . . .   | 78 00      |
|                              | <hr/>      |
|                              | \$751 44   |
|                              | <hr/>      |
|                              | \$6,054 60 |
| Expended as shown . . . . .  | \$5,878 61 |
| Balance unexpended . . . . . | \$175 99   |
|                              | <hr/>      |
|                              | \$6,054 60 |

## HIGHWAYS.

## EXPENDED.

*For Labor and Teams.*

Price paid per day. Superintendent, \$2.50 ; Laborers, \$1.76 ;  
Teams, \$1.50.

|                                       |            |            |
|---------------------------------------|------------|------------|
| January, Laborers, 41 1-4 days . . .  | \$72 60    |            |
| Teams, 37 1-2 days . . .              | 56 25      |            |
| Superintendent, 7 days . . .          | 17 50      |            |
|                                       | <hr/>      | \$146 35   |
| February, Laborers, 61 1-2 days . . . | \$108 24   |            |
| Teams, 17 days . . .                  | 25 50      |            |
| Superintendent, 16 1-4 days . . .     | 40 62      |            |
|                                       | <hr/>      | \$174 36   |
| March, Laborers, 78 3-4 days . . .    | \$138 60   |            |
| Teams, 30 3-4 days . . .              | 46 12      |            |
| Superintendent, 11 1-4 days . . .     | 28 12      |            |
|                                       | <hr/>      | \$212 84   |
| April, Laborers, 331 1-2 days . . .   | \$583 44   |            |
| Teams, 155 1-2 days . . .             | 233 25     |            |
| Superintendent, 22 1-2 days . . .     | 56 25      |            |
|                                       | <hr/>      | \$872 94   |
| May, Laborers, 690 days . . .         | \$1,214 38 |            |
| Teams, 261 1-4 days . . .             | 391 87     |            |
| Superintendent, 23 days . . .         | 57 50      |            |
|                                       | <hr/>      | \$1,663 75 |
| June, Laborers, 719 days . . .        | \$1,265 43 |            |
| Teams, 189 days . . .                 | 283 49     |            |
| Superintendent, 24 1-2 days . . .     | 61 25      |            |
|                                       | <hr/>      | \$1,610 17 |
| July, Laborers, 432 1-4 days . . .    | \$760 75   |            |
| " 10 days at \$1.25 . . .             | 12 50      |            |
| Teams, 111 3-4 days . . .             | 167 62     |            |
| Superintendent, 19 1-2 days . . .     | 48 75      |            |
|                                       | <hr/>      | \$989 62   |
| <i>Amount carried forward,</i> . . .  |            | \$5,670 03 |

|                                      |            |  |            |
|--------------------------------------|------------|--|------------|
| <i>Amount brought forward,</i>       |            |  | \$5,670 03 |
| August, Laborers, 637 3-4 days       | \$1,122 45 |  |            |
| Teams, 156 days                      | 233 99     |  |            |
| Superintendent, 25 1-2 days          | 63 75      |  |            |
|                                      |            |  | <hr/>      |
|                                      |            |  | \$1,420 19 |
| September, Laborers, 242 3-4 days    | \$427 24   |  |            |
| Teams, 74 1-2 days                   | 111 75     |  |            |
| Superintendent, 9 1-2 days           | 23 75      |  |            |
|                                      |            |  | <hr/>      |
|                                      |            |  | \$562 74   |
| November, Laborers, 98 1-2 days      | \$173 36   |  |            |
| Teams, 33 days                       | 49 50      |  |            |
| Superintendent, 11 days              | 27 50      |  |            |
|                                      |            |  | <hr/>      |
|                                      |            |  | \$250 36   |
| December, Laborers, 14 days          | \$24 64    |  |            |
| Teams, 9 days                        | 13 50      |  |            |
| Superintendent, 5 days               | 12 50      |  |            |
|                                      |            |  | <hr/>      |
|                                      |            |  | \$50 64    |
|                                      |            |  | <hr/>      |
|                                      |            |  | \$7,953 96 |
| Laborers, 3347 1-4 days, at \$1.76,  | \$5,891 13 |  |            |
| " 10 days, at \$1.25,                | 12 50      |  |            |
| Teams, 1075 1-4 days, at \$1.50,     | 1,612 84   |  |            |
| Superintendent, 175 days, at \$2.50, | 437 49     |  |            |
|                                      |            |  | <hr/>      |
|                                      |            |  | \$7,953 96 |

*Paid Calvin Locke, Labor and Teams.*

|                                             |         |       |          |
|---------------------------------------------|---------|-------|----------|
| Self, 10 days, at \$2.00                    | \$20 00 |       |          |
| 75 days, at \$2.25                          | 168 69  |       |          |
|                                             |         |       | <hr/>    |
|                                             |         |       | \$188 69 |
| Laborers furnished, 30 3-4 days, at \$1.76, |         | 54 11 |          |
| Teams " 52 3-4 days, at \$1.50,             |         | 79 12 |          |
|                                             |         |       | <hr/>    |
|                                             |         |       | \$321 92 |

*Paid in Months.*

|            |         |  |          |
|------------|---------|--|----------|
| May,       | \$43 60 |  |          |
| June,      | 76 75   |  |          |
| July,      | 56 64   |  |          |
| August,    | 83 18   |  |          |
| September, | 61 75   |  |          |
|            |         |  | <hr/>    |
|            |         |  | \$321 92 |

*For Gravel.*

|                                             | LOADS. |    |          |          |
|---------------------------------------------|--------|----|----------|----------|
| Boston and Maine Railroad Co.               | 628    | at | 5 cents, | \$31 40  |
| Frank Gibbons . . . .                       | 345    | "  | 5 "      | 17 25    |
| George W. Chipman . . .                     | 947    | "  | 6 "      | 56 82    |
| M. G. Cochran . . . .                       | 383    | "  | 8 "      | 30 64    |
| Dexter Bryant . . . .                       | 74     | "  | 8 "      | 5 92     |
| George F. Boardman . . .                    | 309    | "  | 10 "     | 30 90    |
| E. L. Whittier . . . .                      | 148    | "  | 10 "     | 14 80    |
| Sylvanus Upham . . . .                      | 131    | "  | 10 "     | 13 10    |
| William N. Folsom . . .                     | 798    | "  | 10 "     | 79 80    |
| D. W. Gooch . . . .                         | 516    | "  | 10 "     | 51 60    |
| A. W. Lynde, (hauled, delivered and spread) | 305    | "  | 25 "     | 76 25    |
| Total                                       | 4584   |    |          | \$408 48 |

*Sundries.*

|                                                   |         |
|---------------------------------------------------|---------|
| J. O. Chandler, sharpening tools, . . . .         | \$40 00 |
| Melrose Improvement Society, trimming trees, etc. | 100 90  |
| Mrs. E. L. Crocker, steps . . . .                 | 5 50    |
| Walter C. Stevens, plans and surveys . . .        | 160 00  |
| Joel Atwood, labor and nails . . . .              | 2 62    |
| J. C. Howes, drain pipe . . . .                   | 1 10    |
| J. P. Deering, lumber . . . .                     | 54 74   |
| N. D. Blake, repairs on Mt. Vernon street .       | 11 20   |
| Bugbee & Barrett, lanterns, etc. . . .            | 21 78   |
| Joseph Edwards, repairing snow plough . .         | 4 10    |
| Thomas McCoubry, " " " . . .                      | 4 00    |
| A. McBeth, sharpening picks, etc. . . .           | 14 95   |
| Ames Plow Co., shovels . . . .                    | 15 39   |
| Eastman's Express, . . . .                        | 7 60    |
| Locke's Express . . . .                           | 50      |
| Berry & Ferguson, drain pipe . . . .              | 31 80   |
| A. J. Morse & Son, pipe and sprinkler . .         | 6 50    |
| Morse & Whyte, gravel screen . . . .              | 7 50    |
| S. E. Benson, sleepers . . . .                    | 3 13    |
| George H. Sampson, forcite . . . .                | 3 60    |
| George Hemmenway, labor . . . .                   | 80      |
| Robert Philpot, removing ledge, Greenwood street, | 70 00   |

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 \$567 71



## RECAPITULATION.

*Expended for Superintendence.*

|                          |            |            |
|--------------------------|------------|------------|
| James Marshall . . . . . | \$437 49   |            |
| Calvin Locke . . . . .   | 188 69     |            |
|                          | <hr/>      | \$626 18   |
| For labor . . . . .      | \$5,903 63 |            |
|                          | 54 11      |            |
|                          | <hr/>      | \$5,957 74 |
| For teams . . . . .      | \$1,612 84 |            |
|                          | 79 12      |            |
|                          | <hr/>      | \$1,691 96 |
|                          |            | <hr/>      |
|                          |            | \$8,275 88 |
| Gravel, . . . . .        |            | 408 48     |
| Sundries . . . . .       |            | 567 71     |
|                          |            | <hr/>      |
|                          |            | \$9,252 07 |

## CONTRA.

|                            |            |
|----------------------------|------------|
| Appropriation . . . . .    | \$6,000 00 |
| Deficiency, 1887 . . . . . | 2 62       |
| First street . . . . .     | 300 00     |

*New Streets.*

|                                   |            |
|-----------------------------------|------------|
| Gooch street . . . . .            | \$500 00   |
| Sewall street . . . . .           | 150 00     |
| Swains Pond avenue . . . . .      | 1,000 00   |
| School street . . . . .           | 300 00     |
| Larrabee street . . . . .         | 300 00     |
| Albion street . . . . .           | 300 00     |
| Second street extension . . . . . | 200 00     |
|                                   | <hr/>      |
|                                   | \$2,750 00 |
|                                   | 9,052 62   |

Treasurer authorized to borrow, and  
selectmen to expend on Howard  
street, (which has been paid from  
this appropriation) . . . . . 200 00

|                              |       |            |
|------------------------------|-------|------------|
|                              | <hr/> | \$9,252 62 |
| Balance unexpended . . . . . |       | 55         |
|                              |       | <hr/>      |
|                              |       | \$9,252 62 |

## MAIN STREET CEMETERY.

## EXPENDED.

|                                                          |          |
|----------------------------------------------------------|----------|
| O. F. Ingalls, fence, rail posts and balusters . . . . . | \$155 25 |
| D. R. Woodward, labor, bolts, etc. . . . .               | 90 14    |
| E. O. Howes, labor, painting . . . . .                   | 33 75    |
| Perry Bros., hardware, lead, oil . . . . .               | 18 27    |
| Wadsworth, Howland & Co., sand . . . . .                 | 4 00     |
| Robert Gibbons, moving hearse house . . . . .            | 20 00    |
| Robert Gibbons, labor and material . . . . .             | 7 88     |
|                                                          | <hr/>    |
|                                                          | \$329 29 |

## CONTRA.

|                                           |          |
|-------------------------------------------|----------|
| Received from stock, etc., sold . . . . . | 5 50     |
|                                           | <hr/>    |
|                                           | \$323 79 |

## TOWN HALL.

|                         |          |
|-------------------------|----------|
| Appropriation . . . . . | \$600 00 |
|-------------------------|----------|

## RECEIPTS.

|                                          |          |
|------------------------------------------|----------|
| St. Mary's C. T. A. Society . . . . .    | \$ 40 00 |
| Thatcher Benefit Concert . . . . .       | 18 00    |
| Unitarian Society . . . . .              | 55 00    |
| Melrose Bicycle Club . . . . .           | 30 00    |
| Universalist Society . . . . .           | 100 00   |
| Melrose Athletic Club . . . . .          | 15 00    |
| Fire Department . . . . .                | 15 00    |
| St. Bridget's Society . . . . .          | 70 00    |
| K. I. D. C. Club, . . . . .              | 30 00    |
| Miss Millie Dowling . . . . .            | 25 00    |
|                                          | <hr/>    |
| <i>Amount carried forward,</i> . . . . . | \$998 00 |

|                                    |            |
|------------------------------------|------------|
| <i>Amount brought forward,</i>     | \$998 00   |
| Sons of Veterans                   | 30 00      |
| Uncle Tom's Cabin Co.              | 25 00      |
| Lawn Tennis Club                   | 32 00      |
| Post 4, G. A. R.                   | 15 00      |
| Republican Committee               | 8 00       |
| Odd Fellows                        | 35 00      |
| Melrose Savings Bank, rent of room | 125 00     |
|                                    | <hr/>      |
|                                    | \$1,268 00 |

## EXPENDED.

|                                                       |            |
|-------------------------------------------------------|------------|
| O. E. Drown, janitor, 1 year                          | \$300 00   |
| C. S. Parker & Sons, slating roof                     | 59 02      |
| Kerwin & Jones, cleaning vaults                       | 6 50       |
| A. J. Wilkinson & Co., doorcheck                      | 8 23       |
| Eastman's express, moving piano and expressing        | 14 35      |
| A. & E. Burton & Co., brushes                         | 3 75       |
| John Lahey, charcoal                                  | 5 25       |
| John H. Edwards, sharpening lawn-mower                | 1 75       |
| Malden and Melrose Gas Light Co., 334,500<br>feet gas | 669 00     |
| John Larrabee, alcohol                                | 1 80       |
| Bugbee & Barrett, sundries                            | 6 68       |
| George W. Dew, painting and glazing                   | 82 50      |
| M. F. Eastman, coal                                   | 65 00      |
| J. C. Howes, labor, plumbing, etc.                    | 14 05      |
|                                                       | <hr/>      |
|                                                       | \$1,237 88 |
| Balance unexpended                                    | 30 12      |
|                                                       | <hr/>      |
|                                                       | \$1,268 00 |

## DRAINAGE, BRIDGES AND CULVERTS.

|                                   |            |
|-----------------------------------|------------|
| Appropriation                     | \$1,000 00 |
| “ for drainage of Emerson street, | 250 00     |
|                                   | <hr/>      |
|                                   | \$1,250 00 |

## EXPENDED.

|                                                                                  |         |
|----------------------------------------------------------------------------------|---------|
| S. E. Benson, cement, . . . . .                                                  | \$ 7 50 |
| E. L. Whittier, labor on Spot pond brook, . . . . .                              | 40 00   |
| T. R. Newhall, bridge stone, . . . . .                                           | 119 07  |
| Berry & Ferguson, 8 in drain pipe . . . . .                                      | 85 31   |
| Waldo Brothers, drain pipe . . . . .                                             | 1 62    |
| Burrell & Swett " " . . . . .                                                    | 56 24   |
| J. C. Howes " " . . . . .                                                        | 11 39   |
| C. B. & F. H. Goss " " . . . . .                                                 | 43 02   |
| H. W. Clapp & Co., grates . . . . .                                              | 28 80   |
| B. and M. R. R. Co., freight on grates . . . . .                                 | 1 77    |
| W. C. Stevens, surveying . . . . .                                               | 16 00   |
| Dexter Pratt, labor . . . . .                                                    | 7 50    |
| Walter B. Ellis, 561.9 yards concrete gutters, at<br>34 cents per yard . . . . . | 191 05  |
| Walter B. Ellis, 55.6 yards gutters, at 50 cents<br>per yard . . . . .           | 27 80   |

*For Labor and Teams.*

|                                                                                                                                               |            |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Laborers, 284 3-4 days, at \$1.76 . . . . .                                                                                                   | \$501 16   |
| Teams, 85 1-4 days, at \$1.50 . . . . .                                                                                                       | 127 87     |
| Superintendent, 33 1-2 days, at \$2.50 . . . . .                                                                                              | 83 75      |
|                                                                                                                                               | <hr/>      |
|                                                                                                                                               | \$712 78   |
|                                                                                                                                               | <hr/>      |
|                                                                                                                                               | \$1,349 85 |
| Expended for the drainage of Cedar Park, as per<br>vote of the town, for labor, concreting, etc.,<br>and charged to this department . . . . . | \$114 25   |
|                                                                                                                                               | <hr/>      |
|                                                                                                                                               | \$1,235 60 |
| Balance unexpended, to the credit of drainage<br>appropriation . . . . .                                                                      | \$14 40    |
|                                                                                                                                               | <hr/>      |
|                                                                                                                                               | \$1,250 00 |

## CONTINGENT EXPENSES.

|                                          |            |
|------------------------------------------|------------|
| Appropriation . . . . .                  | \$1,400 00 |
| “ Board of Health . . . . .              | 200 00     |
| “ Park Commissioners, expenses . . . . . | 100 00     |
|                                          | <hr/>      |
|                                          | \$1,700 00 |

## RECEIPTS.

For auctioneers' licenses :

|                         |        |
|-------------------------|--------|
| C. W. Ellison . . . . . | \$2 00 |
| Moses Briggs . . . . .  | 2 00   |
| John R. Jones . . . . . | 2 00   |

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\$6 00
Joseph Edwards, for rent of land near Town Hall,  
one year . . . . .

10 00

Crystal Lake Fishing Association, rent of pond . . . . .

10 00

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\$1,726 00

## EXPENDED.

*Health Department.*

|                                                                              |         |
|------------------------------------------------------------------------------|---------|
| O. E. Drown, fumigating and disinfecting . . . . .                           | \$19 00 |
| E. S. Jack, M. D., services . . . . .                                        | 2 00    |
| C. W. Ellison, P. M., stamps . . . . .                                       | 1 00    |
| F. M. McLaughlin, killing and burying horse . . . . .                        | 5 00    |
| Thomas Keating, carriage hire . . . . .                                      | 1 50    |
| Bugbee & Barrett, bowls . . . . .                                            | 45      |
| W. W. Boardman, carriage hire . . . . .                                      | 5 00    |
| John Larrabee, disinfectants . . . . .                                       | 85      |
| J. H. Draper, “ . . . . .                                                    | 12      |
| W. A. Hitchcock, M. D. V., services . . . . .                                | 2 00    |
| F. A. Pratt, load covering . . . . .                                         | 50      |
| P. Kiervan, labor . . . . .                                                  | 50      |
| Dunton & Potter, advertising regulations, and<br>printing placards . . . . . | 16 25   |
| L. F. Williams, advertising regulations . . . . .                            | 25 00   |
| J. H. L. Anderson, carriage hire . . . . .                                   | 10 00   |

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\$89 17

*Park Commissioners.*

|                                                |          |
|------------------------------------------------|----------|
| Dexter Pratt, surveying and plans . . . .      | 50 00    |
| Ernest W. Bowditch, examination, etc., . . . . | 50 00    |
|                                                | <hr/>    |
|                                                | \$100 00 |

*Printing.*

|                                                                  |          |
|------------------------------------------------------------------|----------|
| P. B. Murphy, license blanks . . . . .                           | \$4 25   |
| L. B. Wilder & Co., tax bills, 1888 . . . . .                    | 25 00    |
| L. F. Williams, warrants, notices, advertising, etc.             | 91 00    |
| W. L. Williams, " " " " . . . . .                                | 46 50    |
| Dunton & Potter, voting lists, notices, advertising etc. . . . . | 111 14   |
| T. W. Ripley, ballots (Park Commissioners) . . . .               | 3 00     |
| A. W. Haskell, collector's book . . . . .                        | 7 00     |
| Alfred Mudge & Son, 1800 reports, 1887 . . . .                   | 294 88   |
|                                                                  | <hr/>    |
|                                                                  | \$582 77 |

*Forest Fire Wards.*

|                                              |         |
|----------------------------------------------|---------|
| Chase C. Worthen, services 1886-87 . . . . . | \$18 20 |
| Dexter Pratt, " " . . . . .                  | 19 00   |
| Henry Barron, " " . . . . .                  | 15 00   |
| James Marshall, " " . . . . .                | 15 00   |
| Calvin Locke, " " . . . . .                  | 15 00   |
|                                              | <hr/>   |
|                                              | \$82 20 |

*Sundries.*

|                                                                  |                 |
|------------------------------------------------------------------|-----------------|
| Geo. F. King & Merrill, record books and stationery, . . . . .   | \$35 37         |
| Hooper & Lewis, assessors' book . . . . .                        | 1 25            |
| A. B. Pierce, serving warrants, and services . . . .             | 64 00           |
| American Enamel Company, street signs and guide boards . . . . . | 19 00           |
| B. & M. R. R. Co., freight on signs . . . . .                    | 19              |
|                                                                  | <hr/>           |
| <i>Amount carried forward, . . . . .</i>                         | <i>\$119 81</i> |

|                                                                                       |   |   |   |   |          |
|---------------------------------------------------------------------------------------|---|---|---|---|----------|
| <i>Amount brought forward,</i>                                                        |   |   |   |   | \$119 81 |
| H. B. Newhall, posting notices                                                        | . | . | . | . | 6 50     |
| O. E. Drown, posting voting lists                                                     | . | . | . | . | 1 00     |
| Craig & Tucker, cleaning safe lock                                                    | . | . | . | . | 2 78     |
| W. W. Boardman, carriage hire                                                         | . | . | . | . | 3 75     |
| W. E. Locke, expressing                                                               | . | . | . | . | 45       |
| George Newhall, postage stamps,                                                       | . | . | . | . | 4 00     |
| Eldridge's Express, expressing                                                        | . | . | . | . | 40       |
| George E. Fogg, ringing bell                                                          | . | . | . | . | 6 00     |
| F. M. McLaughlin, " "                                                                 | . | . | . | . | 6 00     |
| O. E. Drown, " "                                                                      | . | . | . | . | 6 00     |
| J. B. Johnson, " "                                                                    | . | . | . | . | 6 00     |
| H. B. Jacobs, returning 8 deaths, 1887                                                | . | . | . | . | 2 00     |
| P. J. McMahon, " 5 " "                                                                | . | . | . | . | 1 25     |
| A. G. Jewett, " 5 " "                                                                 | . | . | . | . | 1 25     |
| A. B. Pierce, " 79 " 1888                                                             | . | . | . | . | 19 75    |
| Clerk of Courts, entering "By-Laws"                                                   | . | . | . | . | 6 90     |
| C. F. Loring, services presenting "By-Laws"                                           | . | . | . | . | 5 00     |
| W. W. Gooch, services, Geist vs. Town                                                 | . | . | . | . | 10 00    |
| Eastman's Express, expressing                                                         | . | . | . | . | 60       |
| W. A. Burrell, nails                                                                  | . | . | . | . | 2 55     |
| Perry Brothers, wire netting, etc.                                                    | . | . | . | . | 6 66     |
| John Larrabee, services as clerk of selectmen, 1887                                   | . | . | . | . | 25 00    |
| " " cash paid for sundries                                                            | . | . | . | . | 6 75     |
| " " compiling annual reports, and services                                            | . | . | . | . | 50 00    |
| John Larrabee, collecting, recording and indexing births, deaths and marriages, 1887, | . | . | . | . | 99 30    |
| J. Garfield, M. D., returning births, 1887                                            | . | . | . | . | 75       |
| C. B. Shute, M. D., " " "                                                             | . | . | . | . | 50       |
| F. L. McIntosh, M. D., " " "                                                          | . | . | . | . | 2 75     |
| C. C. Odlin, M. D., " " "                                                             | . | . | . | . | 13 25    |
| E. S. Jack, M. D., " " "                                                              | . | . | . | . | 2 25     |
| E. L. Warren, M. D., " " "                                                            | . | . | . | . | 50       |
| A. M. Selee, M. D., " " "                                                             | . | . | . | . | 4 25     |
| P. Wadsworth, M. D., " " "                                                            | . | . | . | . | 50       |
| J. S. Clark, M. D., " " "                                                             | . | . | . | . | 5 00     |
| F. H. Morse, M. D., " " "                                                             | . | . | . | . | 4 00     |
| <i>Amount carried forward,</i>                                                        | . | . | . | . | \$433 45 |



|                                                                                    |          |
|------------------------------------------------------------------------------------|----------|
| <i>Amount brought forward,</i>                                                     | \$433 45 |
| Fire Department, 200 feet old leather hose                                         | 24 00    |
| J. S. Austin, carriage hire                                                        | 5 00     |
| F. M. McLaughlin, services, (dogs)                                                 | 12 00    |
| O. E. Drown, meals to prisoners                                                    | 6 00     |
| “ “ care of lock-up                                                                | 25 00    |
| J. A. Dill, lunches at polls, election days                                        | 33 00    |
| For the detection, prosecution and conviction<br>of liquor sellers, expenses, etc. | 210 00   |
|                                                                                    | <hr/>    |
|                                                                                    | \$748 45 |

## RECAPITULATION.

|                              |            |            |
|------------------------------|------------|------------|
| Board of Health, expenses    | \$ 89 17   |            |
| Park Commissioners, expenses | 100 00     |            |
| Printing                     | 582 77     |            |
| Forest Fire Wards, services  | 82 20      |            |
| Sundries                     | 748 45     |            |
|                              | <hr/>      |            |
|                              | \$1,602 59 |            |
| Appropriation and receipts   |            | \$1,726 00 |
| Balance unexpended.          | 123 41     |            |
|                              | <hr/>      |            |
|                              | \$1,726 00 | \$1,726 00 |

## STATE AID.

|                                                                       |          |
|-----------------------------------------------------------------------|----------|
| Received from State on account of amount paid<br>during the year 1887 | \$608 00 |
|-----------------------------------------------------------------------|----------|

PAID DISABLED SOLDIERS AND DEPENDENT RELATIVES DURING  
YEAR 1887.

|                                |          |
|--------------------------------|----------|
| George C. Bucknam              | \$12 00  |
| William Story                  | 48 00    |
| Daniel D. Penney               | 48 00    |
|                                | <hr/>    |
| <i>Amount carried forward,</i> | \$108 00 |

|                                |          |
|--------------------------------|----------|
| <i>Amount brought forward,</i> | \$108 00 |
| Sarah Barrett                  | 48 00    |
| Mary F. Howard                 | 48 00    |
| Maria G. Colson                | 48 00    |
| Helen E. Poole                 | 48 00    |
| Alvin Drake                    | 36 00    |
| Charles H. Young               | 48 00    |
| Benjamin F. Gibbs              | 48 00    |
| Ann M. Jewett                  | 48 00    |
| Rebecca H. French              | 48 00    |
| John H. Guild                  | 24 00    |
| William B. York                | 48 00    |
| Moses P. Mitchell              | 36 00    |
| William Boyd                   | 9 00     |
|                                | <hr/>    |
|                                | \$645 00 |

## MILITARY AID.

|                                                                                          |          |
|------------------------------------------------------------------------------------------|----------|
| Received from State on account of aid paid in<br>1887                                    | \$264 50 |
| [Sums paid under provisions Chap. 252, Acts of<br>1879. One-half refunded by the State.] |          |
| George W. Grover                                                                         | 48 00    |
| Lawrence Reardon                                                                         | 96 00    |
| Ede K. Chase                                                                             | 28 00    |
| Horace W. Stevens                                                                        | 72 00    |
| Benjamin F. York                                                                         | 60 00    |
| William A. Johnson                                                                       | 32 00    |
| Edwin H. Downing                                                                         | 42 00    |
| Charles S. Jones                                                                         | 12 00    |
| Ebenezer Tucker                                                                          | 84 00    |
| Paschal E. Burnham                                                                       | 48 00    |
| Josiah York                                                                              | 8 00     |
| Loami G. Davis                                                                           | 5 00     |
|                                                                                          | <hr/>    |
|                                                                                          | \$535 00 |

|                                                      |           |
|------------------------------------------------------|-----------|
| Appropriation . . . . .                              | \$300 00\ |
| One-half of amount expended to be refunded . . . . . | 267 50    |
|                                                      | <hr/>     |
| Balance unexpended . . . . .                         | \$32 50   |

## STREET LIGHTS.

|                                    |            |
|------------------------------------|------------|
| Appropriation . . . . .            | \$4,500 00 |
| Unexpended balance, 1887 . . . . . | 569 62     |
|                                    | <hr/>      |
|                                    | \$5,069 62 |

## EXPENDED.

|                                                                                              |            |
|----------------------------------------------------------------------------------------------|------------|
| Wheeler Reflector Company, for lighting and care<br>of 136 to 152 lamps, one year . . . . .  | \$1,669 35 |
| Malden & Melrose Gas Light Company, lighting<br>and care of 32 lights, five months . . . . . | 154 03     |
| Lantern, cocks and burner . . . . .                                                          | 2 40       |
| Malden Electric Light Company,<br>14 arc lights, 4 months . . . . .                          | \$466 68   |
| 24 " " 2 " . . . . .                                                                         | 400 00     |
| 26 " " 6 " . . . . .                                                                         | 1,300 02   |
| 40 incandescent lights, 5 months . . . . .                                                   | 300 00     |
| 39 " " 1 month and<br>2-3 of month . . . . .                                                 | 59 87      |
|                                                                                              | <hr/>      |
|                                                                                              | 2,526 57   |
| J. C. Howes, repairs on lantern . . . . .                                                    | 1 00       |
| C. A. Messenger, Jr., arc light furnished 3 months . . . . .                                 | 5 40       |
|                                                                                              | <hr/>      |
|                                                                                              | \$4,358 75 |
| Balance unexpended . . . . .                                                                 | 710 87     |
|                                                                                              | <hr/>      |
|                                                                                              | \$5,069 62 |

## CROSSINGS AND GUTTERS.

|                          |          |
|--------------------------|----------|
| Appropriations . . . . . | \$600 00 |
|--------------------------|----------|

## EXPENDED.

|                                                                                   |          |
|-----------------------------------------------------------------------------------|----------|
| Walter B. Ellis, for laying 463.2 yards concrete crossings, at 34 cents . . . . . | \$157 49 |
| For laying 1269.6 yards concrete gutters, at 34 cents . . . . .                   | 431 66   |
| Grading for crossings . . . . .                                                   | 9 04     |
|                                                                                   | <hr/>    |
|                                                                                   | \$598 19 |
| Balance unexpended . . . . .                                                      | 1 81     |
|                                                                                   | <hr/>    |
|                                                                                   | \$600 00 |

## ADDITIONAL LAMPS.

|                         |          |
|-------------------------|----------|
| Appropriation . . . . . | \$150 00 |
|-------------------------|----------|

## EXPENDED.

|                                                                |          |
|----------------------------------------------------------------|----------|
| Wheeler Reflector Company, six iron posts and frames . . . . . | \$60 00  |
| Repairs on lanterns . . . . .                                  | 9 75     |
|                                                                | <hr/>    |
|                                                                | 69 75    |
| Eastman's Express, teaming posts and frames . . . . .          | 15 40    |
|                                                                | <hr/>    |
|                                                                | 85 15    |
| Balance unexpended . . . . .                                   | 64 85    |
|                                                                | <hr/>    |
|                                                                | \$150 00 |

## MALDEN AND MELROSE BOUNDARY LINE.

## EXPENDED.

|                                                                    |         |
|--------------------------------------------------------------------|---------|
| Daniel McDonald, granite posts . . . . .                           | \$4 40  |
| One-half payment for boundary post on Main street . . . . .        | 12 00   |
| City of Malden, one-half expense of setting stone bounds . . . . . | 8 50    |
|                                                                    | <hr/>   |
|                                                                    | \$24 90 |

## INSURANCE.

|               |   |   |   |   |   |   |   |          |
|---------------|---|---|---|---|---|---|---|----------|
| Appropriation | . | . | . | . | . | . | . | \$600 00 |
|---------------|---|---|---|---|---|---|---|----------|

## EXPENDED.

|                      |   |   |   |   |       |        |
|----------------------|---|---|---|---|-------|--------|
| J. L. Hanaford & Co. | . | . | . | . | \$375 | 37     |
| Westgate & Johnson   | . | . | . | . | 146   | 26     |
| R. B. Leighton       | . | . | . | . | 56    | 25     |
|                      |   |   |   |   |       | <hr/>  |
|                      |   |   |   |   |       | 577 88 |
| Balance unexpended   | . | . | . | . | .     | 22 12  |
|                      |   |   |   |   |       | <hr/>  |
|                      |   |   |   |   | \$600 | 00     |

DRAIN, FRANKLIN AND WARREN STREETS.

## EXPENDED.

|                                                                                                                     |          |
|---------------------------------------------------------------------------------------------------------------------|----------|
| Robert Philpot, furnishing and laying drain pipe,<br>building catch basins, grates, etc., as per contract . . . . . | \$600 00 |
| Walter C. Stevens, laying out and superintending<br>construction of drain . . . . .                                 | 14 00    |
|                                                                                                                     | <hr/>    |
|                                                                                                                     | \$614 00 |

## SURVEYING AND NUMBERING ESTATES.

|               |   |   |   |   |   |   |   |          |
|---------------|---|---|---|---|---|---|---|----------|
| Appropriation | . | . | . | . | . | . | . | \$500 00 |
|---------------|---|---|---|---|---|---|---|----------|

## EXPENDED.

|                                                     |          |
|-----------------------------------------------------|----------|
| Walter C. Stevens, surveying and making plans . . . | \$300 00 |
| S. M. Tinkham & Son, numbering houses . . . . .     | 200 00   |
|                                                     | <hr/>    |
|                                                     | \$500 00 |

## MAIN STREET WIDENING.

## EXPENDED.

|                                                                                 |            |
|---------------------------------------------------------------------------------|------------|
| Walter C. Stevens, line, grade, profile and specifications . . . . .            | \$25 00    |
| Estate of John R. Jones, award of county commissioners for land taken . . . . . | 700 00     |
| D. Alvin Lynde, award of county commissioners for land taken . . . . .          | 400 00     |
| E. McKenna & Co., on account of contract . . . . .                              | 500 00     |
|                                                                                 | <hr/>      |
|                                                                                 | \$1,625 00 |

## FIRE ALARM.

|                         |            |
|-------------------------|------------|
| Appropriation . . . . . | \$1,700 00 |
|-------------------------|------------|

## EXPENDED.

|                                                                                                                                                                                                                                                                                                                                                                                              |            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Paid The Gamewell Fire Alarm Telegraph Co., for 13 signal stations, large bell striking machine on Town Hall, two 15-inch out-door gongs (at Wyoming and Highlands), batteries, galvanometers, line testers, switch boards, commutators, chains, weights, wires, etc., guaranteed for five years, against all defects due to faulty workmanship or defective material in machinery . . . . . | \$1,700 00 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|

## MELROSE COMMON.

|                                                                                   |          |
|-----------------------------------------------------------------------------------|----------|
| Appropriation . . . . .                                                           | \$150 00 |
| Received from Geo. W. Farnsworth, Esq. . . . .                                    | 50 00    |
|                                                                                   | <hr/>    |
|                                                                                   | \$200 00 |
| Paid treasurer Melrose Improvement Society for labor, trees, shrubs, etc. . . . . | \$200 00 |

## MEMORIAL DAY.

|                                                                                                            |          |
|------------------------------------------------------------------------------------------------------------|----------|
| Appropriation . . . . .                                                                                    | \$200 00 |
| Paid commander of U. S. Grant Post, No. 4, G. A. R., for decoration and care of soldiers' graves . . . . . | \$200 00 |

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## MAPLE STREET WIDENING.

|                                                                                                                                                                                   |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Paid Seth E. Benson, for 2,032 square feet of land taken for the widening of said street, as laid out and awarded by the selectmen, accepted by the town April 30, 1888 . . . . . | \$508 00 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|

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## TOWN OFFICERS' SALARIES.

|                         |            |
|-------------------------|------------|
| Appropriation . . . . . | \$3,000 00 |
|-------------------------|------------|

## EXPENDED.

|                                                         |         |
|---------------------------------------------------------|---------|
| F. E. Orcutt, auditor, 1887 . . . . .                   | \$25 00 |
| J. R. Norton, " " . . . . .                             | 25 00   |
| W. I. Nickerson " " . . . . .                           | 25 00   |
| Alfred Hocking, registrar of voters, '87 . . . . .      | 25 00   |
| Walter Babb, " " " " . . . . .                          | 25 00   |
| Victor C. Kirmes, " " " " . . . . .                     | 25 00   |
| John Larrabee, " " " " . . . . .                        | 25 00   |
| Henry G. Fields, (chairman), overseer of poor . . . . . | 200 00  |
| John Singer, Jr., overseer of poor . . . . .            | 50 00   |
| Martha D. Bale, " " " . . . . .                         | 50 00   |
| John R. Norton, assessor . . . . .                      | 150 00  |
| Albon W. Parker, " . . . . .                            | 150 00  |
| Moses Briggs, " . . . . .                               | 150 00  |
| Board of assessors, for clerical services . . . . .     | 250 00  |

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*Amount carried forward,* . . . . . \$1,175 00



|                                        |   |   |   |         |            |
|----------------------------------------|---|---|---|---------|------------|
| <i>Amount brought forward,</i>         |   |   |   |         | \$1,175 00 |
| Levi S. Gould, selectman               | . | . | . | .       | 200 00     |
| John P. Deering, "                     | . | . | . | .       | 200 00     |
| Charles W. Higgins, selectman          | . | . | . | .       | 200 00     |
| John Larrabee, town clerk              | . | . | . | .       | 300 00     |
| George Newhall, town treasurer         | . | . | . | .       | 500 00     |
| Parker Merrill, collector, 1888,       |   |   |   |         |            |
| 5 per cent. on \$1,762.50 poll taxes   |   |   |   | \$88 12 |            |
| 1-2 of 1 per cent. on \$53,064.54 real |   |   |   |         |            |
| estate taxes                           | . | . | . | .       | 265 31     |
|                                        |   |   |   |         | <hr/>      |
|                                        |   |   |   |         | 353 43     |
|                                        |   |   |   |         | <hr/>      |
|                                        |   |   |   |         | \$2,928 43 |
| Balance unexpended                     | . | . | . | .       | 71 57      |
|                                        |   |   |   |         | <hr/>      |
|                                        |   |   |   |         | \$3,000 00 |

## WYOMING CEMETERY.

## RECEIPTS, 1888.

|                                   |   |   |   |   |          |
|-----------------------------------|---|---|---|---|----------|
| For care of lots                  | . | . | . | . | \$394 00 |
| Labor and material furnished, in- |   |   |   |   |          |
| terments, etc.                    | . | . | . | . | 325 00   |
| Wood sold                         | . | . | . | . | 8 00     |
| Use of tomb                       | . | . | . | . | 6 00     |
| Grass and pasturage, Pratt farm   | . |   |   |   | 47 50    |
|                                   |   |   |   |   | <hr/>    |
|                                   |   |   |   |   | \$780 50 |

*For Lots Sold.*

|                         |   |   |   |   |            |
|-------------------------|---|---|---|---|------------|
| 1 at \$200              | . | . | . | . | \$200 00   |
| 2 at \$100              | . | . | . | . | 200 00     |
| 1 at \$75               | . | . | . | . | 75 00      |
| 1 at \$74               | . | . | . | . | 74 00      |
| 1 at \$65               | . | . | . | . | 65 00      |
| 1 half lot at \$100     | . | . | . | . | 100 00     |
| 4 half lots at \$40     | . | . | . | . | 160 00     |
| 3 half lots at \$30     | . | . | . | . | 90 00      |
| 1 half lot at \$35      | . | . | . | . | 35 00      |
| 1 half lot at \$38      | . | . | . | . | 38 00      |
| On account of lots sold | . | . | . | . | 104 00     |
|                         |   |   |   |   | <hr/>      |
|                         |   |   |   |   | 1,141 00   |
|                         |   |   |   |   | <hr/>      |
|                         |   |   |   |   | \$1,921 50 |

## EXPENDED.

|                                                    |            |
|----------------------------------------------------|------------|
| Thomas Marshall, superintendent, 6 months . .      | \$300 00   |
| "        "        extra labor, 48 1-2 days . .     | 97 00      |
| "        "        labor and material furnished .   | 23 28      |
| J. William Boyce, labor, 152 3-4 days, at \$1.76 . | 268 84     |
| Willard Fenton, labor, 126 3-4 days, at \$1.76 .   | 223 08     |
| John Lloyd, labor, 108 1-4 days, at \$1.76 . .     | 190 52     |
| Thos. Cassell, labor, 1-2 day, at \$1.76 . . .     | 88         |
| William Forbes, labor, 2 1-2 days, at \$1.76 . .   | 4 40       |
| A. Wilbur Lynde, man and team, 1 day . . .         | 3 26       |
| F. R. Upham, man, 35 1-2 days, at \$1.76 . . .     | 62 48      |
| "        "        team, 35 1-2 days, at \$1.50 . . | 53 25      |
| James Marshall, man, 5 1-2 days, at \$1.76 . .     | 9 68       |
| "        "        team, 5 1-2 days, at \$1.50 . .  | 8 25       |
| J. P. Deering, lumber . . . . .                    | 4 62       |
| S. E. Benson, cement . . . . .                     | 10 45      |
| M. F. Eastman, lime and cement . . . . .           | 5 85       |
| C. W. Ellison, postmaster, stamps . . . . .        | 2 00       |
| Berry & Ferguson, drain pipe . . . . .             | 59 90      |
| John H. Edwards, sharpening lawn mower . . .       | 3 50       |
| Dunton & Potter, envelopes and printing . . .      | 2 50       |
| H. W. Clapp & Co., base and grate . . . . .        | 7 20       |
| B. & M. railroad, freight on grate . . . . .       | 50         |
| W. C. Stevens, surveying lots, plans, etc. . .     | 31 25      |
| J. W. Foley, plants . . . . .                      | 5 50       |
| Justus Geist " . . . . .                           | 25 00      |
| Perry Brothers, grindstone and tools . . . .       | 18 25      |
| Bugbee & Barrett, tools, etc. . . . .              | 2 57       |
| Thos. McCoubry, sharpening tools . . . . .         | 7 45       |
| George Newhall, services . . . . .                 | 25 00      |
| John Larrabee, " . . . . .                         | 25 00      |
|                                                    | <hr/>      |
|                                                    | \$1,481 46 |
| Interest on note to Charles Pratt . . . . .        | 325 00     |
|                                                    | <hr/>      |
|                                                    | \$1,806 46 |
| Surplus for the year . . . . .                     | 115 04     |
|                                                    | <hr/>      |
|                                                    | \$1,921 50 |

## INTEREST.

|                                    |            |
|------------------------------------|------------|
| Appropriation . . . . .            | \$5,500 00 |
| Unexpended balance, 1887 . . . . . | 498 06     |
|                                    | <hr/>      |
|                                    | \$5,998 06 |

## RECEIPTS.

|                          |            |
|--------------------------|------------|
| From collectors,         |            |
| On taxes, 1887 . . . . . | \$1,023 67 |
| "    "    1888 . . . . . | 114 41     |
|                          | <hr/>      |
|                          | 1,138 08   |
|                          | <hr/>      |
|                          | \$7,136 14 |

## EXPENDED.

|                                                                          |            |
|--------------------------------------------------------------------------|------------|
| Interest coupons on Town Hall bonds, \$65,000 at<br>7 per cent . . . . . | \$4,550 00 |
| Commonwealth of Massachusetts, on notes . . . . .                        | 1,205 32   |
| Melrose Savings Bank, on notes, temporary loans . . . . .                | 323 10     |
|                                                                          | <hr/>      |
|                                                                          | \$6,078 42 |
| Balance unexpended . . . . .                                             | 1,057 72   |
|                                                                          | <hr/>      |
|                                                                          | \$7,136 14 |

## POLICE AND NIGHT WATCH.

|                                   |            |
|-----------------------------------|------------|
| Appropriation . . . . .           | \$2,500 00 |
| "    deficiency, (1887) . . . . . | 48 25      |
|                                   | <hr/>      |
|                                   | \$2,548 25 |

## EXPENDED.

*Price paid, 25 cents per hour of Service Rendered.*

|                                   |            |
|-----------------------------------|------------|
| F. M. McLaughlin, chief . . . . . | \$560 50   |
| H. B. Newhall . . . . .           | 482 75     |
| O. E. Drown . . . . .             | 448 75     |
| C. F. W. Fogg . . . . .           | 379 75     |
| W. A. Caswell . . . . .           | 337 25     |
| C. H. Fuller . . . . .            | 40 00      |
| R. M. Rand . . . . .              | 37 50      |
| D. O. Parker . . . . .            | 32 25      |
| J. W. Davis . . . . .             | 27 00      |
| D. T. Stockwell . . . . .         | 18 75      |
| A. B. Pierce . . . . .            | 11 25      |
| A. W. Lynde . . . . .             | 7 50       |
| Henry Barron . . . . .            | 5 50       |
|                                   | <hr/>      |
|                                   | \$2,388 75 |

## SUNDRIES.

|                                                                 |            |
|-----------------------------------------------------------------|------------|
| F. M. McLaughlin, cash paid for fares,<br>postals, etc. . . . . | \$10 15    |
| George W. Bartlett, carriage hire . . . . .                     | 39 50      |
| W. A. Greenough, directory . . . . .                            | 2 00       |
| Dunton & Potter, printing . . . . .                             | 4 00       |
| O. E. Drown, meals to prisoners . . . . .                       | 8 50       |
|                                                                 | <hr/>      |
|                                                                 | \$64 15    |
|                                                                 | <hr/>      |
|                                                                 | \$2,452 90 |
| Balance unexpended . . . . .                                    | 95 35      |
|                                                                 | <hr/>      |
|                                                                 | \$2,548 25 |

## WATER FUND.

## CR.

|                                                                                           |             |
|-------------------------------------------------------------------------------------------|-------------|
| Cash in treasury Jan., 1888 . . . . .                                                     | \$5,007 23  |
| Received from sale of bonds Nos.<br>21-30, series 1887, premium and<br>interest . . . . . | 10,316 66   |
| Appropriation, for use of water . . . . .                                                 | 2,000 00    |
| Water rates, etc. . . . .                                                                 | 22,769 06   |
|                                                                                           | <hr/>       |
|                                                                                           | \$40,092 95 |

## DR.

|                                                                      |             |
|----------------------------------------------------------------------|-------------|
| Paid interest on bonds . . . . .                                     | \$11,280 00 |
| Treasurer of Water Loan S. F. Commissioners, surplus, 1887 . . . . . | 2,832 28    |
| Bills on account of construction and maintenance . . . . .           | 19,415 87   |
|                                                                      | <hr/>       |
|                                                                      | \$33,528 15 |
| Cash in treasury to credit of fund . . . . .                         | 6,564 80    |
|                                                                      | <hr/>       |
|                                                                      | \$40,092 95 |

## TAX SALE.

|                                                                                                                                                     |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Received from M. F. Eastman, collector of taxes for year 1887, sum received as surplus over-tax, assessed upon estate of J. Vincent Smith . . . . . | \$692 26 |
| Paid executors of estate of J. Vincent Smith . . . . .                                                                                              | 692 26   |

## PUBLIC LIBRARY.

|                                                                 |            |
|-----------------------------------------------------------------|------------|
| Appropriation . . . . .                                         | \$750 00   |
| “ Dog Tax, 1887 . . . . .                                       | 961 78     |
| Received from Carrie M. Worthen, librarian, fines, etc. . . . . | 39 91      |
|                                                                 | <hr/>      |
|                                                                 | \$1,751 69 |

## EXPENDED.

|                                                                  |          |
|------------------------------------------------------------------|----------|
| For books, magazines, papers, etc., Dewolfe, Fiske & Co. . . . . | \$384 96 |
| A. H. Roffe & Co. . . . .                                        | 132 00   |
| Cupples & Hurd . . . . .                                         | 35 10    |
| Houghton, Mifflin & Co. . . . .                                  | 5 50     |

*Amount carried forward,* . . . . . \$557 56

|                                 |          |
|---------------------------------|----------|
| <i>Amount brought forward,</i>  | \$557 56 |
| Willard Small                   | 5 16     |
| Iconographic Publishing Co.     | 11 50    |
| The Cottage Hearth Co.          | 6 75     |
| Rand, McNally & Co.             | 12 50    |
| Henry C. Nash & Co.             | 25 00    |
| C. F. Jewett Publishing Co.     | 96 00    |
| First Maine Cavalry Association | 5 00     |

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\$719 47

## REPAIRS.

|                                              |          |
|----------------------------------------------|----------|
| Charles Taylor, new alcoves, stock and labor | \$127 52 |
| Clark and Smith, lumber                      | 25 75    |
| George W. Dew, painting                      | 36 00    |
| S. F. Oliver, gas fitting                    | 2 00     |

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\$191 27

## SUNDRIES.

|                                                  |        |
|--------------------------------------------------|--------|
| Library Bureau, binders, etc.                    | \$3 20 |
| Geo. F. King & Merrill, cards, etc.              | 5 55   |
| P. D. Meston, rebinding books                    | 107 45 |
| L. B. Wilder, printing cards                     | 6 75   |
| L. F. Williams, printing slips and cards         | 39 25  |
| L. F. Williams, printing catalogues              | 230 00 |
| Alfred Mudge & Son, printing extra reports       | 8 00   |
| T. W. Ripley, printing labels                    | 75     |
| Geo. B. Sargent & Son, ribbon for stamp          | 50     |
| C. W. Ellison, P. M., box rent                   | 50     |
| W. L. Williams, P. M., box rent                  | 50     |
| W. E. Locke, expressing                          | 1 50   |
| Eastman's Express, expressing                    | 4 25   |
| Westgate & Johnson, insurance                    | 3 75   |
| O. E. Drown, care of room 9 months               | 75 00  |
| Carrie M. Worthen, services as librarian         | 318 75 |
| Carrie M. Worthen, cash paid for sundries        | 4 36   |
| William Keating, arranging and cataloguing U. S. |        |
| Public Documents                                 | 25 00  |
| Thomas Ireland, repairing clock                  | 1 00   |

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\$836 06

## RECAPITULATION.

|                        |   |   |   |            |
|------------------------|---|---|---|------------|
| Books, magazines, etc. | . | . | . | \$719 47   |
| Repairs                | . | . | . | 191 27     |
| Sundries               | . | . | . | 836 06     |
|                        |   |   |   | <hr/>      |
|                        |   |   |   | \$1,746 80 |
| Balance unexpended     | . | . | . | 4 89       |
|                        |   |   |   | <hr/>      |
|                        |   |   |   | \$1,751 69 |

## STATE AND COUNTY TAXES.

|                                |   |   |   |            |
|--------------------------------|---|---|---|------------|
| Paid State treasurer, tax 1888 | . | . | . | \$5,895 00 |
| County treasurer, " "          | . | . | . | 3,307 77   |

## COMMONWEALTH OF MASSACHUSETTS.

|                         |   |   |   |            |
|-------------------------|---|---|---|------------|
| Rec'd corporation taxes | . | . | . | \$3,292 86 |
| National bank taxes     | . | . | . | 798 97     |



## REPORT OF POLICE DEPARTMENT.

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MELROSE, DEC. 31, 1888.

*To the Honorable Board of Selectmen:*

The report of the Police Department, for the year ending at date, is as follows :

### CASES BROUGHT BEFORE THE COURT.

|                                               |    |                              |     |
|-----------------------------------------------|----|------------------------------|-----|
| Assaults . . . . .                            | 16 | Liquor nuisance . . . . .    | 4   |
| Breaking and entering . . . . .               | 2  | Larceny . . . . .            | 3   |
| Contempt of court . . . . .                   | 2  | Lewd conduct . . . . .       | 1   |
| Drunks . . . . .                              | 16 | Malicious mischief . . . . . | 2   |
| Disorderly house . . . . .                    | 2  | Non-support . . . . .        | 1   |
| Disturbing the peace . . . . .                | 16 | Railer and brawler . . . . . | 1   |
| Disobedient child . . . . .                   | 1  | Search warrants for goods, 2 |     |
| Evading car fare . . . . .                    | 1  | “ “ “ liquor, 6              |     |
| False pretence . . . . .                      | 1  | Threats . . . . .            | 2   |
| Keeping and exposing . . . . .                | 1  |                              |     |
| Lodgers accommodated . . . . .                |    |                              | 75  |
| Patients carried to insane hospital . . . . . |    |                              | 3   |
| Notices delivered . . . . .                   |    |                              | 125 |

Respectfully submitted,

F. M. McLAUGHLIN, *Chief.*

## REPORT OF THE TOWN TREASURER.

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|                                          |              |
|------------------------------------------|--------------|
| Cash in treasury, Jan. 27, 1888 . . . .  | \$4,472 58   |
| Total receipts for the year . . . .      | 148,603 69   |
|                                          | <hr/>        |
|                                          | \$153,076 27 |
| Total disbursements for the year . . . . | 149,454 16   |
|                                          | <hr/>        |
| Cash in treasury, Jan. 28, 1889 . . . .  | \$3,622 11   |

### CEMETERY "TRUST FUNDS."

|                                                      |          |
|------------------------------------------------------|----------|
| 1885. Estate of Sally Upham . . . .                  | \$200 00 |
| 1886. S. B. Cochran, Omaha, Neb. . . .               | 200 00   |
| 1887. Estate of William H. Jones . . . .             | 100 00   |
| 1888. Estate of Mrs. Lynthia L. Burgess . . . .      | 100 00   |
| 1888. Mrs. Chas. O. and Mrs. Thomas Robinson . . . . | 100 00   |
|                                                      | <hr/>    |
|                                                      | \$700 00 |

## STATEMENT OF THE TOWN DEBT.

### WATER BONDS.

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|                                               |              |
|-----------------------------------------------|--------------|
| Melrose Water Fund, due July 1, 1890 . . . .  | \$100,000 00 |
| Melrose Water Fund, due Oct. 1, 1892 . . . .  | 50,000 00    |
| Melrose Water Loan, high service, due Nov. 1, |              |
| 1905 . . . . .                                | 37,000 00    |
| Melrose Water Fund, series 1887, due May 1,   |              |
| 1907 . . . . .                                | 30,000 00    |
|                                               | <hr/>        |
|                                               | \$217,000 00 |

*Amount brought forward,* . . . . \$217,000 00

## TOWN HALL BONDS.

Melrose Town Hall, due Oct, 1, 1892 . . . 65,000 00

## PERMANENT LOANS.

Note dated Aug. 6, 1884, due Aug.

6, 1889, interest 4 per cent. . . 8,000 00

Note dated July 23, 1886, due July

23, 1891, interest 3 1-2 per cent . 14,000 00

Note dated May 7, 1887, to Charles

Pratt, interest 6 1-2 per cent . 10,000 00

32,000 00

Total . . . . . \$314,000 00

## AVAILABLE ASSETS.

Due from State, State aid . . . . \$535 00

Due from State, military aid . . . . 267 50

\$802 50

## Uncollected taxes :—

1881 . . . . . \$87 93

1882 . . . . . 204 71

1883 . . . . . 275 75

1884 . . . . . 293 18

1885 . . . . . 725 55

1886 . . . . . 765 50

1887 . . . . . 1,647 39

1888 . . . . . 28,012 20

\$32,012 21

Water Loan Sinking Fund . . . . 36,718 05

Cash on hand . . . . . 3,622 11

\$73,154 87

Net debts more than assets available . . 240,845 13

\$314,000 00

Respectfully submitted,

GEORGE NEWHALL,

*Treasurer.*

(E. and O. accepted.)

MELROSE, February, 1889.

## GEORGE NEWHALL, TREASURER.

*In account with the* TOWN OF MELROSE.

Dr.

|                |                      |       |            |
|----------------|----------------------|-------|------------|
| Jan. 27, 1888. | Cash in the treasury | . . . | \$4,472 58 |
|----------------|----------------------|-------|------------|

## RECEIPTS.

|                                                                                           |                |                |
|-------------------------------------------------------------------------------------------|----------------|----------------|
| M. F. Eastman, collector of taxes, 1887                                                   | . . .          | 28,100 00      |
| Parker Merrill, " " " 1888                                                                | . . .          | 57,826 71      |
| Water rates, etc. 1888                                                                    | . . .          | 22,769 06      |
| Water Fund Bonds, series of 1887, ten bonds,<br>\$1000 each, premium and accrued interest |                | 10,316 66      |
| County Treasurer, dog tax, 1887                                                           | . . .          | 961 78         |
| Wyoming Cemetery, lots, graves, etc.                                                      | . . .          | 1,921 50       |
| Cemetery Trust Funds                                                                      | . . .          | 200 00         |
| Tax sale (Smith estate)                                                                   | . . .          | 692 26         |
| G. W. Farnsworth (Melrose Common)                                                         | . . .          | 50 00          |
| Notes, temporary loans                                                                    | . . .          | 19,000 00      |
| Commonwealth of Massachusetts:—                                                           |                |                |
| School fund                                                                               | . . . \$91 82  |                |
| Military aid                                                                              | . . . 264 50   |                |
| State aid                                                                                 | . . . 612 00   |                |
| Corporation Tax                                                                           | . . . 3,292 86 |                |
| Bank tax                                                                                  | . . . 798 97   |                |
|                                                                                           |                | <hr/> 5,060 15 |

From various sources on account of

|                      |       |                    |
|----------------------|-------|--------------------|
| Public Library       | . . . | 39 91              |
| School Fund          | . . . | 20 00              |
| School contingent    | . . . | 1 46               |
| Sidewalks            | . . . | 169 26             |
| Poor Fund            | . . . | 751 44             |
| Fire Department      | . . . | 24 00              |
| Contingent           | . . . | 26 00              |
| Town Hall            | . . . | 668 00             |
| Main street Cemetery | . . . | 5 50               |
|                      |       | <hr/> \$153,076 27 |

## CR.

Paid town clerk's orders, as follows:—

|                                           |           |
|-------------------------------------------|-----------|
| Crossings and gutters . . . . .           | \$ 598 19 |
| Sidewalks . . . . .                       | 2,429 51  |
| Insurance . . . . .                       | 577 88    |
| Military aid . . . . .                    | 535 00    |
| State aid . . . . .                       | 645 00    |
| Drainage . . . . .                        | 1,349 85  |
| Maple street widening . . . . .           | 508 00    |
| Boundary line . . . . .                   | 24 90     |
| Melrose Common . . . . .                  | 200 00    |
| Public Library . . . . .                  | 1,746 80  |
| Memorial Day . . . . .                    | 200 00    |
| Main street cemetery . . . . .            | 329 29    |
| School fund . . . . .                     | 21,840 62 |
| School contingent . . . . .               | 3,809 29  |
| Poor fund . . . . .                       | 5,878 61  |
| Contingent . . . . .                      | 1,602 59  |
| Fire Department . . . . .                 | 2,116 39  |
| Cemetery, Wyoming . . . . .               | 1,481 46  |
| Streets lights . . . . .                  | 4,358 75  |
| Fire alarm . . . . .                      | 1,700 00  |
| Additional lamps . . . . .                | 85 15     |
| Surveying and numbering streets . . . . . | 500 00    |
| Police . . . . .                          | 2,452 90  |
| Salaries . . . . .                        | 2,928 43  |
| Town Hall . . . . .                       | 1,237 88  |
| Water fund . . . . .                      | 19,415 87 |
| Highways . . . . .                        | 9,252 07  |
| Main street widening . . . . .            | 1,625 00  |
| Franklin street drain . . . . .           | 614 00    |

---

 \$90,043 43

*Amount brought forward,* \$90,043 43

Paid notes:—

Temporary loans . . . \$24,000 00

Permanent loan . . . 5,000 00

Tax sale refunded . . . 692 26

State tax . . . 5,895 00

County tax . . . 3,307 77

Interest on notes . . . 1,528 42

Interest coupons, Town Hall  
bonds . . . 4,550 00

Interest coupons water fund  
bonds, . . . 11,280 00

Interest on cemetery note to  
Charles Pratt . . . 325 00

Water Loan S. F. Commis-  
sioners surplus, 1887 . . . 2,832 28

---

59,410 73

\$149,454 16

Jan. 28, 1889, cash in treasury . . . 3,622 11

---

\$153,076 27

GEORGE NEWHALL, TREASURER,

*In account with* COMMISSIONERS OF MELROSE WATER LOAN  
SINKING FUND.

DR.

February, 1888. Cash on hand . . . \$1,157 19

To received as surplus from Water Fund for  
year 1887 . . . 2,832 28

To received as interest on bonds and mortgages . . . 1,438 58

---

\$5,428 05

CR.

By paid rent for box in safe deposit vault . . . \$10 00

For mortgage on real estate in Melrose . . . 3,000 00

---

\$3,010 00

February, 1889. Cash deposited in Melrose  
Savings Bank . . . 2,418 05

---

\$5,428 05

## ASSESSORS' REPORT.

FOR YEAR 1888.

|                              |       |
|------------------------------|-------|
| No. of inhabitants . . . . . | 7,535 |
| “ school children . . . . .  | 1,263 |
| “ dwelling houses . . . . .  | 1,630 |
| “ horses . . . . .           | 486   |
| “ cows . . . . .             | 211   |
| “ oxen . . . . .             | 6     |
| “ dogs . . . . .             | 485   |
| “ swine . . . . .            | 113   |

|                                    |                |
|------------------------------------|----------------|
| Valuation of real estate . . . . . | \$5,574,705 00 |
| “ “ personal estate . . . . .      | 426,861 00     |

|                                         |                |
|-----------------------------------------|----------------|
| Total . . . . .                         | \$6,001,566 00 |
| Amount committed to collector . . . . . | \$85,857 31    |
| Additional . . . . .                    | 300 52         |

|                 |             |
|-----------------|-------------|
| Total . . . . . | \$86,157 83 |
|-----------------|-------------|

Rate, \$13.60 per \$1,000.

|                                    |       |
|------------------------------------|-------|
| Number of polls assessed . . . . . | 2,134 |
| Number of women assessed . . . . . | 118   |



## ABATEMENTS, 1888.

|                             |         |                                 |          |
|-----------------------------|---------|---------------------------------|----------|
| Mrs. Lyman Elms . . .       | \$ 6 80 | Mrs. Ellen Hurley . . .         | \$7 13   |
| Mrs. Mary D. Ellis . . .    | 6 80    | Mrs. Ann Colligan . . .         | 17 98    |
| Mrs. Ezekiel Simonds . . .  | 6 80    | Mrs. Jennie Upham . . .         | 5 78     |
| Arthur E. Currier . . .     | 1 36    | Harry Miller . . .              | 2 00     |
| Mrs. M. B. Richards . . .   | 6 80    | Mrs. Esther Morcomb . . .       | 6 80     |
| Edward Paul . . .           | 2 00    | Robert Henry Harris . . .       | 2 00     |
| Luther Emerson . . .        | 27 20   | Geo. B. Graves . . .            | 2 72     |
| Estate Reuben Atwood . . .  | 13 60   | D. Franklin Stearns . . .       | 3 40     |
| Alvah M. Davis . . .        | 13 60   | Mrs. C. W. Clinkard . . .       | 6 80     |
| Estate Chas. Barrett . . .  | 6 80    | D. W. Howie . . .               | 80       |
| Miss Nancy S. Wilson . . .  | 3 40    | Mrs. Ellen Powers . . .         | 5 52     |
| Misses Wheeler . . .        | 13 60   | Mrs. Lucy A. Barrett . . .      | 5 10     |
| S. D. Taylor . . .          | 12 00   | Geo. F. Boardman . . .          | 6 80     |
| Mrs. Mary E. Howard . . .   | 6 80    | Misses Conway . . .             | 12 00    |
| Mrs. Annie Manning . . .    | 4 76    | A. V. Lynde (re-assessed) . . . | 10 54    |
| Mrs. Emma Burnham . . .     | 6 80    | Carroll W. Clark . . .          | 13 60    |
| Miss S. A. Cooper . . .     | 2 04    | Alverdo Dodge . . .             | 13 60    |
| George Goodwin . . .        | 3 36    | D. Webster . . .                | 4 08     |
| James F. Dix . . .          | 21 76   | Mrs. Sarah M. Barrows . . .     | 27 20    |
| Mrs. Ella Powder . . .      | 5 98    | G. F. Boardman and              |          |
| Geo. Manning . . .          | 2 00    | O. E. Hawes . . .               | 6 00     |
| Miss Joanna Stackpole . . . | 6 80    | Seth E. Benson . . .            | 6 80     |
| John C. Maker . . .         | 68      | Mrs. Mary Harvey . . .          | 5 00     |
| Mrs. Aaron Green . . .      | 16 24   | R. P. Barry (re-assessed). . .  | 65 28    |
| Frank R. Upham . . .        | 20      | Arthur M. Burr . . .            | 2 00     |
| Boston Rubber Shoe Co. . .  | 37 40   | Moses S. Page . . .             | 8 16     |
| Charles N. Fowler . . .     | 2 72    |                                 |          |
| Frank H. Torrey . . .       | 6 80    | Total . . .                     | \$509 15 |
| Danforth D. Stratton . . .  | 6 80    | Less amount re-assessed . . .   | 75 82    |
| Ralph M. Merrill . . .      | 2 00    |                                 |          |
| Mrs. Harriett A. Sale . . . | 6 80    |                                 | \$433 33 |
| S. W. Moorhouse . . .       | 1 36    |                                 |          |

## ABATEMENTS ON 1887, DURING 1888.

|                             |        |                           |          |
|-----------------------------|--------|---------------------------|----------|
| John Haseltine . . .        | \$2 80 | Mrs. Mary A. Finn . . .   | \$7 00   |
| Levi S. Gould . . .         | 4 20   | Misses Moody . . .        | 11 90    |
| Levi S. Gould, adm'r. of    |        | Mrs. Mary F. Howard . . . | 2 45     |
| Geo. W. Grover estate . . . | 11 20  | Mrs. Mary E. Howard . . . | 7 00     |
| Charles E. Foss . . .       | 4 20   | Alvah M. Davis . . .      | 14 00    |
| Miss Mary Woodward . . .    | 7 50   | George Goodwin . . .      | 1 40     |
| Mrs. Mary A. Higgins . . .  | 3 75   | Mrs. N. K. Hunt . . .     | 14 70    |
| Estate Wm. H. Jones . . .   | 7 55   | Mrs. Louisa Weeks . . .   | 10 85    |
| Mrs. Locada Critchet . . .  | 7 00   | Wm. Munroe . . .          | 39 20    |
| Thomas Dalby . . .          | 2 00   |                           |          |
| Frank Mansfield . . .       | 2 00   |                           | \$160 70 |

MOSES BRIGGS,  
JOHN R. NORTON,  
ALBON W. PARKER, } *Assessors of  
Melrose  
for 1888.*

## COLLECTOR'S REPORT.

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### STATEMENT OF TAXES FOR YEAR 1888.

|                                                      |             |
|------------------------------------------------------|-------------|
| Amount of warrant and tax list received from the     |             |
| assessors . . . . .                                  | \$85,857 31 |
| Additional assessments . . . . .                     | 300 52      |
|                                                      | <hr/>       |
|                                                      | \$86,157 83 |
| Abatements in 1888 (see assessors' report) . . . . . | 433 33      |
|                                                      | <hr/>       |
|                                                      | \$85,724 50 |
| Interest collected . . . . .                         | 114 41      |
|                                                      | <hr/>       |
|                                                      | \$85,838 91 |
| Cash paid treasurer . . . . .                        | 57,826 71   |
|                                                      | <hr/>       |
| Balance unpaid, Jan. 1, 1889 . . . . .               | \$28,012 20 |

PARKER MERRILL,

*Collector for 1888.*

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### STATEMENT OF TAXES FOR YEAR 1887.

|                                             |             |
|---------------------------------------------|-------------|
| Balance unpaid Jan. 1, 1888 . . . . .       | \$28,881 32 |
| Abated during 1888 . . . . .                | 157 60      |
|                                             | <hr/>       |
|                                             | \$28,723 72 |
| Interest collected during 1888 . . . . .    | 1,023 67    |
|                                             | <hr/>       |
|                                             | \$29,747 39 |
| Amount paid treasurer during 1888 . . . . . | 28,100 00   |
|                                             | <hr/>       |
|                                             | \$1,647 39  |

M. F. EASTMAN,

*Collector for 1887.*

## AUDITORS' REPORT.

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We have examined the books of the treasurer for the year ending Jan. 28, 1889, and find them correctly kept and proper vouchers and orders accompanying them.

We have also examined the books connected with the Water Department, and find them correctly kept.

FRANK E. ORCUTT,  
WALTER I. NICKERSON.  
GILBERT N. HARRIS,

*Auditors.*

MELROSE, Feb. 13, 1889.

## REPORT OF ENGINEERS.

*To the Honorable Board of Selectmen :*

We hereby submit the following as the report of the Fire Department for the year ending Dec. 31, 1888.

During the past year the department has been called out to nineteen alarms, as follows :

| 1888. |     | ALARMS.                     | LOSS.       | PAID<br>INSURANCE. | TOTAL<br>LOSS. |
|-------|-----|-----------------------------|-------------|--------------------|----------------|
| Jan.  | 1.  | O. F. Ingalls, planing mill | \$1,400 00  | \$1,200 00         | \$200 00       |
| "     | "   | " " stock                   | 2,000 00    |                    | 2,000 00       |
| "     | 19. | John Robbins, house         |             |                    |                |
| "     | 23. | G. W. Emerson, house        | 1,950 00    | 1,950 00           |                |
| "     | "   | " " 2d alarm.               |             |                    |                |
| Feb.  | 4.  | D. L. Taylor, greenhouse.   | 1,025 00    | 1,025 00           |                |
| Mar.  | 8.  | G. W. Chipman, block        | 14,660 00   | 14,500 00          | 160 00         |
| "     | "   | C. C. Ames, stock           | 500 00      | 250 00             | 250 00         |
| "     | "   | Henry Osborne, stock        | 165 00      | 165 00             |                |
| April | 1.  | Chas. Talbot, house         | 200 00      | 150 00             | 50 00          |
| "     | "   | W. H. Shirley, furniture    | 400 00      | 400 00             |                |
| "     | 7.  | Bugbee & Barrett, block     | 1,500 00    | 1,400 00           | 100 00         |
| "     | "   | " " stock                   | 600 00      | 400 00             | 200 00         |
| "     | "   | I. O. O. Fellows, furniture | 1,200 00    | 850 00             | 350 00         |
| "     | "   | Wm. Noyes, stock            | 165 00      | 165 00             |                |
| "     | 12. | Wm. Cook, house             | 368 00      | 368 00             |                |
| "     | "   | J. Derrington, furniture    |             |                    |                |
| "     | "   | Calvin Varney, house        | 400 00      | 300 00             | 100 00         |
| "     | 19. | John McCullough, house      | 1,400 00    | 1,400 00           |                |
| "     | "   | " " furniture               | 200 00      | 103 00             | 97 00          |
| May   | 5.  | W.A. Smith, summer h'se     |             |                    |                |
| "     | 10. | C. Hoffinan, stable         | 300 00      | 200 00             | 100 00         |
| June  | 18. | B. Ames, house              | 75 00       | 75 00              |                |
| "     | 29. | Kate Allerton, house        | 518 00      | 518 00             |                |
| "     | "   | H. O. Mitchell, furniture   | 300 00      | 150 00             | 150 00         |
| July  | 10. | Brush fire                  |             |                    |                |
| "     | 27. | Oliver Moore, house         | 150 00      | 150 00             |                |
| "     | 9.  | Joel Atwood, shop           |             |                    |                |
| Nov.  | 21. | Nancy N. Locke, house       | 290 50      | 290 50             |                |
|       |     |                             | \$29,766 50 | \$26,009 50        | \$3,757 00     |

## DEPARTMENT.

The department consists of three hose companies of twelve men each ; one hook and ladder company of twenty men, together with a board of three engineers who have in charge the houses and all the apparatus therein.

## APPARATUS.

The apparatus of the department is as follows: three hose carriages, together with four thousand feet of hose in good order, and six hundred feet the worse for wear ; one hook and ladder truck with eight ladders, hooks, rakes, forks and all other equipments, also a nest of ladders at the Highlands hose house.

## FIRE ALARM.

During the past year a system of the Gamewell Fire Alarm has been introduced which has proved satisfactory.

## RECOMMENDATION.

We recommend the appropriation of twenty-six hundred dollars for the ordinary expenses of the department ; for contingent, three hundred dollars ; for fire alarm, seventy-five dollars. We also recommend that a fire alarm box be located on Upham street, near East street, also one on Washington street, near Trenton street.

Respectfully submitted,

A. W. LYNDE,  
W. B. ELLIS,  
SAMUEL LEAR,  
*Engineers.*



REPORT OF THE BOARD  
OF  
WATER COMMISSIONERS  
OF THE  
TOWN OF MELROSE, MASS.,  
FOR THE  
FINANCIAL YEAR ENDING DECEMBER 31, 1888.

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MELROSE :  
DUNTON & POTTER, PRINTERS.  
1889.



# TOWN OF MELROSE, MASS.

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## WATER DEPARTMENT.

### COMMISSIONERS.

WINGATE P. SARGENT.      WILBUR D. FISKE.

JOHN R. JONES, (deceased.)

GEORGE L. MORSE.

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### SUPERINTENDENT.

PARKER MERRILL.

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### PUMPING STATION.

CHARLES F. CHURCHILL, *Engineer.*

# REPORT OF WATER COMMISSIONERS

FOR THE YEAR 1888.

---

## *To the Town of Melrose:*

In compliance with an Act of the Legislature passed April 2, 1870, the Melrose Water Board have the honor of submitting their nineteenth annual report; also the report of the superintendent containing a detailed statement of receipts and expenditures, and operations of the water department for the year ending Dec. 31, 1888.

It is with sorrow that we enter upon our report the death of our much esteemed associate, John R. Jones, who died at his residence on Prospect street, on Thursday, Nov. 15th. We shall always cherish his memory for his kind words and acts and the faithful and conscientious discharge of all his duties as a member of our board for the past four years.

During the months of February and March, with Malden and Medford, we had all the brush in the western part of the pond cut and burned, preventing large quantities of vegetable matter floating into the pond and decomposing, thereby improving the quality of the water.

A new copper suction pipe and strainer has been placed in the pond attached to the main pipe by a swivel joint so that it can be raised to the surface, if necessary, for the purpose of cleaning and repairing; also, for taking water from any depth that circumstances may require. At present we are drawing water from near the surface, believing it to be purer than from the bottom.

## PUMPING STATION.

The pumping engine at the station has been run the past as during the previous year, to the entire satisfaction of your

board, with very slight expense for repairs, and is now in perfect working condition.

The pier covering the shore section of the suction pipe has been raised about two feet, and graded, and the grounds around the pumping station been much improved in appearance.

#### THE RESERVOIR.

During the summer a substantial fence has been built around the reservoir lot, to protect it from contamination of all kinds. The grounds and embankments have been improved during the year by the frequent cutting of the grass, and the removal of stumps and stones. During the month of October the water was drawn from the reservoir and the bottom and sides thoroughly cleansed, and was found to be in excellent condition.

The months of January and February were unprecedented in the history of the water works, for the extreme and long continued cold weather, freezing the ground in many places below the water mains. Consequently many of the main pipes were frozen, necessitating the employment of a large force of men to thaw out and repair the mains and service pipes damaged by the frost.

Nine hundred and sixty feet of 10-inch pipe has been laid in Washington street, connecting with pipes already laid in that street, and thus forming a new circuit through Trenton street, by which the town could be supplied with water should it be necessary to shut off the 16-inch main on Wyoming avenue, from Masonic Hall to Ravine road.

Your commissioners recommend an appropriation for the year 1889, as follows :

For hydrants, school houses, Town Hall, engine and hose houses, ornamental and drinking fountains, the sum of \$3,000.00.

---

#### FINANCIAL.

|                                                                |                     |
|----------------------------------------------------------------|---------------------|
| Cost of water works to Jan. 1, 1888 . . . . .                  | \$252,942 22        |
| Cost of construction as per report of superintendent . . . . . | 9,755 53            |
| Cost of water works to Jan 1, 1889 . . . . .                   | <u>\$262,697 75</u> |

## INTEREST ACCOUNT.

|                                         |       |             |
|-----------------------------------------|-------|-------------|
| April 1, paid coupons on \$50,000       | . . . | \$1,500 00  |
| May 1, " " " 57,000                     | . . . | 1,140 00    |
| July 1, " " " 100,000                   | . . . | 3,000 00    |
| Oct. 1, " " " 50,000                    | . . . | 1,500 00    |
| Nov. 1, " " " 57,000                    | . . . | 1,140 00    |
| Jan. 1, 1889, paid coupons on \$100,000 | . . . | 3,000 00    |
|                                         |       | <hr/>       |
|                                         |       | \$11,280 00 |

## RECEIPTS.

|                                |       |             |
|--------------------------------|-------|-------------|
| From town of Melrose           | . . . | \$2,000 00  |
| " water rates                  | . . . | 21,551 00   |
| " pipe account                 | . . . | 1,090 59    |
| " stock sold                   | . . . | 94 17       |
| " return premium on insurance. |       | 33 30       |
|                                |       | <hr/>       |
|                                |       | \$24,769 06 |

## CONTRA.

|                                                        |       |             |
|--------------------------------------------------------|-------|-------------|
| Paid on interest account                               | . . . | \$11,280 00 |
| Maintenance account as per report<br>of superintendent | . . . | 9,659 84    |
|                                                        |       | <hr/>       |
|                                                        |       | \$20,939 84 |
| Surplus for the year                                   | . . . | \$3,829 22  |

*Furniture, Stock, Tools, etc. on hand Jan. 1, 1889.*

|                                           |       |             |
|-------------------------------------------|-------|-------------|
| Office furniture                          | . . . | \$486 00    |
| Furniture and fixtures at pumping station | . . . | 112 00      |
| Machinery and tools of all kinds          | . . . | 907 00      |
| Stock for construction                    | . . . | 1,993 71    |
| Stock for services and repairs            | . . . | 256 92      |
| Wagons, horses, etc., in stable           | . . . | 887 50      |
|                                           |       | <hr/>       |
|                                           |       | \$41,643 13 |

WINGATE P. SARGENT,  
WILBUR D. FISKE,  
GEORGE L. MORSE,  
*Commissioners.*

## REPORT OF SUPERINTENDENT.

*Melrose Water Commissioners :*

GENTLEMEN:—In accordance with the usual custom, I herewith submit to you my annual report, giving in detail the operations of this department, showing the progress and present condition of the works, together with a condensed statement of the receipts and expenditures for the year ending Dec. 31, 1888.

## THE POND.

The following tri-monthly record will show the condition of the pond during the year. The lowest point to which the water has been drawn was February 17, when it stood at 38 inches below high-water mark.

## RECORD.

*Rise and fall of Pond in 1888.*

|       |     |                                  |   |   |   |   |
|-------|-----|----------------------------------|---|---|---|---|
| Jan.  | 1.  | 37 inches below high-water mark. |   |   |   |   |
| "     | 10. | 32                               | " | " | " | " |
| "     | 20. | 31 $\frac{3}{4}$                 | " | " | " | " |
| "     | 30. | 34 $\frac{3}{4}$                 | " | " | " | " |
| Feb.  | 10. | 36                               | " | " | " | " |
| "     | 20. | 37 $\frac{1}{2}$                 | " | " | " | " |
| "     | 28. | 25 $\frac{1}{4}$                 | " | " | " | " |
| Mar.  | 10. | 26                               | " | " | " | " |
| "     | 20. | 23                               | " | " | " | " |
| "     | 30. | 5                                | " | " | " | " |
| April | 10. | 1                                | " | " | " | " |
| "     | 20. | Full pond.                       |   |   |   |   |
| "     | 30. | "                                | " |   |   |   |
| May   | 10. | "                                | " |   |   |   |
| "     | 20. | "                                | " |   |   |   |
| "     | 30. | "                                | " |   |   |   |

|       |     |                                 |   |   |   |   |
|-------|-----|---------------------------------|---|---|---|---|
| June  | 10. | 3 inches below high-water mark. |   |   |   |   |
| "     | 20. | 6                               | " | " | " | " |
| "     | 30. | 11½                             | " | " | " | " |
| July  | 10. | 15½                             | " | " | " | " |
| "     | 20. | 21                              | " | " | " | " |
| "     | 30. | 24½                             | " | " | " | " |
| Aug.  | 10. | 27¼                             | " | " | " | " |
| "     | 20. | 29¾                             | " | " | " | " |
| "     | 30. | 31                              | " | " | " | " |
| Sept. | 10. | 35                              | " | " | " | " |
| "     | 20. | 34                              | " | " | " | " |
| "     | 30. | 27                              | " | " | " | " |
| Oct.  | 10. | 22½                             | " | " | " | " |
| "     | 20. | 21½                             | " | " | " | " |
| "     | 30. | 19                              | " | " | " | " |
| Nov.  | 10. | 14                              | " | " | " | " |
| "     | 20. | 15                              | " | " | " | " |
| "     | 30. | Full pond.                      |   |   |   |   |
| Dec.  | 10. | "                               | " |   |   |   |
| "     | 20. | "                               | " |   |   |   |
| "     | 30. | "                               | " |   |   |   |

## COMPARATIVE RECORD.

*Showing the lowest points below high-water mark to which the pond has been drawn since 1874.*

- 1874—Lowest point, 43 inches, Dec. 7.  
 1875—Lowest point, 61 inches, Feb. 22. Pond full, June 23.  
     Next lowest point, 33 inches, Nov. 10.  
 1876—Lowest point, 37 inches, Nov. 6. Pond full, March 25.  
 1877—Lowest point, 33 inches, Sept. 30. Pond full, March 15.  
 1878—Lowest point, 27 1-2 inches, Nov. 13. Pond full, Jan. 15. Pond full, second time, Dec. 14.  
 1879—Lowest point, 45 inches, Dec. 20. Pond full and running over at waste-way from Jan. 1, to May 20.  
 1880—Lowest point, 63 1-4 inches, Dec. 30; highest point, May 10; being then 12 inches below high-water mark.

- 1881—Lowest point, 65 inches, Jan. 8, at which time the water was down to the top of the pipe at the gate-house; commenced pumping, and continued until Jan. 22. The pump was started again Feb. 6, and run until Feb. 13. Pond full and running over from March 22 to April 30. Next lowest point, 32 inches, Dec. 22.
- 1882—Lowest point, 37 1-2 inches, Dec. 21. Pond full and running over at waste-way from March 3 to April 3.
- 1883—Lowest point, 82 inches, Dec. 30. The highest point reached was 15 inches below high-water mark, May 30. Commenced pumping Sept 23, and continued to pump to this time, Dec. 31.
- 1884—Lowest point, 82 1-2 inches, Jan. 1. Pond full and running over from April 16 to May 10. Next lowest point 40 1-4 inches, Nov. 23.
- 1885—Lowest point, 41 1-2 inches, Oct. 31. The highest point reached was on May 24, when it was 4 1-2 inches below high-water mark.
- 1886—Lowest point, 55 inches, Nov. 10. Full pond, running over at water-way from Feb. 14 to April 26.
- 1887—Lowest point, 41 3-4 inches, Dec. 10. Full pond from March 20 to May 10.
- 1888—Lowest point, 38 inches, Feb. 17. Full pond from April 3 to June 2, and from Nov. 30 to Dec. 31.



## TABLE SHOWING LEVELS BELOW SPOT POND ROLLWAY.

Surveys made in 1884 by PERCY M. BLAKE, C. E., and  
GEORGE H. BISHOP, C. E.

| Below<br>Rollway. |                                                                 |
|-------------------|-----------------------------------------------------------------|
| Feet.             | Reservoir 98 feet above rollway.                                |
| 0.00              | Rollway.                                                        |
| 5.61              | Lowest point on pipe line bet'n Woodland ave. and Ravine rd.    |
| 22.39             | Summit of Ravine road, near spring barrel in ground.            |
| 83.00             | Northwest corner Ravine road and Washington street.             |
| 92.20             | Intersection of Ravine road and Wyoming Avenue.                 |
| 97.19             | Intersection of Trenton street and Wyoming Avenue.              |
| 98.53             | West rail Boston & Maine Railroad at Wyoming station.           |
| 0.37              | Piazza floor of W. P. Sargent's house on Wyoming Hill.          |
| 99.62             | Intersection Berwick street and Wyoming Avenue.                 |
| 91.56             | Corner Main and Foster streets.                                 |
| 86.06             | Fall from rollway to top of underpinning of Town Hall.          |
| 32.00             | Sill of lower window of J. O. Norris's house, Cedar Park.       |
| 92.17             | Intersection of Main and Essex streets.                         |
| 41.09             | Intersection of Upham street and Bellevue Avenue.               |
| 13.78             | Sill of Upham street schoolhouse.                               |
| 18.00             | In front of G. W. Chipman's house on extension of Tremont st.   |
| 3.00              | Top of hill, opposite G. W. Chipman's house.                    |
| 73.00             | Track of Boston & Maine railroad, 100 ft. north of Franklin st. |
| 18.00             | Foundation of P. W. Curry's house, Orris street.                |
| 3.16              | Doleful Pond above Spot Pond, Nov. 13, 1884.                    |

## STREET MAINS.

Pipe has been laid the past year as specified below: 960 feet of ten-inch; 1,287 feet of six-inch; 6,686 feet of four-inch; 209 feet of two-inch.

TABLE SHOWING LOCATION, SIZE, LENGTH, ETC., OF DISTRIBUTING PIPE LAID IN 1888.

| STREETS.             | LOCATION.                           | LENGTH IN FEET OF EACH SIZE. |       |       |       |        | GATES. | HYDRANTS. | Cost.      |
|----------------------|-------------------------------------|------------------------------|-------|-------|-------|--------|--------|-----------|------------|
|                      |                                     | 10-in.                       | 6-in. | 4-in. | 2-in. | ¾-in.  |        |           |            |
| Warren.....          | North from Franklin.....            | .....                        | ..... | 710   | ..... | Ledge. | 1      | .....     | \$668 50   |
| Botolph.....         | From Warren (West).....             | .....                        | ..... | 435   | ..... | Ledge. | 2      | 1         | 421 00     |
| Summit Avenue.....   | From Botolph (North).....           | .....                        | ..... | 442   | ..... | Ledge. | 1      | 1         | 423 30     |
| Cleveland.....       | Extended (south).....               | .....                        | ..... | 383   | ..... | .....  | .....  | .....     | 227 95     |
| Summer.....          | Extended (north).....               | .....                        | ..... | 260   | ..... | .....  | 1      | .....     | 172 20     |
| Orient Avenue.....   | Extended (south).....               | .....                        | ..... | 607   | ..... | .....  | 1      | 1         | 434 06     |
| Dill's Court.....    | From Foster (North).....            | .....                        | ..... | 360   | ..... | .....  | 1      | .....     | 223 26     |
| First.....           | From Sixth (East).....              | .....                        | 348   | ..... | ..... | .....  | .....  | 1         | 334 48     |
| Batchelder.....      | From Porter to Bellevue Avenue..... | .....                        | ..... | 834   | ..... | .....  | 2      | 1         | 385 84     |
| Greenwood.....       | From Franklin to Warren.....        | .....                        | ..... | 910   | ..... | .....  | 2      | .....     | 654 00     |
| Bellevue Avenue..... | From Porter (North).....            | .....                        | 364   | ..... | ..... | .....  | 1      | .....     | 347 52     |
| Tibbetts Place.....  | From Washington.....                | .....                        | ..... | 144   | ..... | .....  | 1      | .....     | 116 64     |
| Main.....            | From Short (North).....             | .....                        | 575   | ..... | ..... | .....  | 2      | 1         | 600 25     |
| Short.....           | From Green to Main.....             | .....                        | ..... | 216   | ..... | .....  | 2      | .....     | 140 40     |
| Melrose.....         | From Main (West).....               | .....                        | ..... | 175   | ..... | .....  | 1      | .....     | 113 75     |
| Chestnut.....        | Extended north to Lynde.....        | .....                        | ..... | 245   | ..... | .....  | .....  | .....     | 153 68     |
| Chestnut Park.....   | From Chestnut.....                  | .....                        | ..... | 226   | ..... | .....  | .....  | .....     | 166 60     |
| Washington.....      | From Ravine Road.....               | 960                          | ..... | ..... | ..... | .....  | 2      | .....     | 1,137 30   |
| Lebanon.....         | Extended (South).....               | .....                        | ..... | 205   | ..... | .....  | .....  | .....     | 143 50     |
| Lynde Place.....     | From Lebanon.....                   | .....                        | ..... | 380   | ..... | .....  | 1      | 1         | 256 00     |
| Linwood Avenue.....  | Extended (South).....               | .....                        | ..... | 154   | ..... | Ledge. | .....  | .....     | 150 84     |
| Ingalls Court.....   | From Main.....                      | .....                        | ..... | ..... | 209   | .....  | 1      | .....     | 101 54     |
|                      | Service pipe.....                   | .....                        | ..... | ..... | ..... | 2,526  | .....  | .....     | 1,136 70   |
|                      |                                     | 960                          | 1,287 | 6,686 | 209   | 2,526  | 22     | 7         | \$8,709 31 |

## HYDRANTS.

Every fire hydrant has been thoroughly examined, cleaned and oiled, and all the defective parts replaced with new.

Seven new hydrants have been added to the fire service since the last report :

- One on Tremont street, near Lake avenue.
- One on Summit avenue, opp. house of Harry Batchelder.
- One on Orient avenue, opp. house of William Morss.
- One on Batchelder street, near Bellevue avenue.
- One on Lynde place, opp. House of Sherman Lynde.
- One on Trenton street, opp. Florence Pettengill's house.
- One on Main street, north of Short street.
- One on Botolph street, opp. John McDonald's house.

## HYDRANTS RE-SET.

The following hydrants have been taken out, and replaced with new ones, or repaired :

- One corner Main street and Wyoming avenue.
- One on Foster street, opp. Congregational church.
- One corner of Porter and Linden streets.
- One on Main street, between Grove and Lynde streets.
- One on Myrtle street, opp. Vine.
- One on Cedar Park, corner of Vinton street.
- One on corner of Franklin and Warren streets.
- One corner of Foster and Main streets.
- One corner Vinton and Florence streets.
- One on Tremont street, opp. house of S. E. Sewall.

## SERVICE PIPES.

One hundred and twenty-one new services have been laid the past year, the largest number laid in any year since the works were established.

Total number of services connected with the mains at the present time is fifteen hundred and forty-seven.

Ground plans of all new houses have been placed in the service book and all service boxes located.



|                                               |       |
|-----------------------------------------------|-------|
| Bakehouses . . . . .                          | 3     |
| Blacksmith shop . . . . .                     | 1     |
| Boarding houses . . . . .                     | 2     |
| Churches . . . . .                            | 7     |
| Carriage shop . . . . .                       | 1     |
| Engine and hose houses . . . . .              | 4     |
| Fish markets . . . . .                        | 4     |
| Greenhouses . . . . .                         | 6     |
| Hand hose . . . . .                           | 437   |
| Hydrants . . . . .                            | 131   |
| Halls . . . . .                               | 7     |
| Laundry . . . . .                             | 2     |
| Livery and boarding stables . . . . .         | 3     |
| Manufactories . . . . .                       | 6     |
| Motors . . . . .                              | 5     |
| Ornamental fountains . . . . .                | 5     |
| Private stables . . . . .                     | 102   |
| Printing offices . . . . .                    | 2     |
| Public drinking fountains . . . . .           | 5     |
| Public ornamental fountains . . . . .         | 2     |
| Railroad depots . . . . .                     | 4     |
| Stand-pipes . . . . .                         | 5     |
| Schoolhouses . . . . .                        | 8     |
| Stores and shops . . . . .                    | 42    |
| Truck and cart stables . . . . .              | 36    |
| Number water-takers as per register . . . . . | 1,501 |

## RECEIPTS FOR WATER.

*Amount received for Water Rates exclusively.*

|                   |            |
|-------------------|------------|
| 1870-71 . . . . . | \$3,909 29 |
| 1872 . . . . .    | 5,141 84   |
| 1873 . . . . .    | 6,133 88   |
| 1874 . . . . .    | 7,202 31   |
| 1875 . . . . .    | 7,882 85   |
| 1876 . . . . .    | 8,788 93   |
| 1877 . . . . .    | 8,850 45   |
| 1878 . . . . .    | 9,267 95   |
| 1879 . . . . .    | 9,717 13   |
| 1880 . . . . .    | 9,822 14   |

|      |   |   |   |   |   |   |   |   |        |    |
|------|---|---|---|---|---|---|---|---|--------|----|
| 1881 | . | . | . | . | . | . | . | . | 10,223 | 84 |
| 1882 | , | . | . | . | . | . | . | . | 10,818 | 84 |
| 1883 | . | . | . | . | . | . | . | . | 12,826 | 05 |
| 1884 | . | . | . | . | . | . | . | . | 13,695 | 51 |
| 1885 | . | . | . | . | . | . | . | . | 15,192 | 79 |
| 1886 | . | . | . | . | . | . | . | . | 17,300 | 66 |
| 1887 | . | . | . | . | . | . | . | . | 19,169 | 99 |
| 1888 | . | . | . | . | . | . | . | . | 21,687 | 74 |

Estimated income for 1889, \$23,500.

#### MAINTENANCE.

|                                              |   |   |   |   |   |   |   |      |    |
|----------------------------------------------|---|---|---|---|---|---|---|------|----|
| Ætna Rubber Co., packing                     | . | . | . | . | . | . | . | \$18 | 95 |
| Ames Plow Co., shovels and picks             | . | . | . | . | . | . | . | 56   | 69 |
| Phillips & Hodgdon, hay and grain            | . | . | . | . | . | . | . | 47   | 42 |
| Walter D. Hicks, labor on engine house, etc. | . | . | . | . | . | . | . | 35   | 75 |
| Perry Bros., tools, etc.                     | . | . | . | . | . | . | . | 70   | 73 |
| J. W. Jenkins, damage to team                | . | . | . | . | . | . | . | 12   | 00 |
| W. E. Locke, expressing                      | . | . | . | . | . | . | . | 2    | 40 |
| O. E. Drown, labor and stock                 | . | . | . | . | . | . | . | 26   | 00 |
| F. M. McLaughlin, services at Spot Pond      | . | . | . | . | . | . | . | 1    | 25 |
| J. W. Davis, services at Spot Pond           | . | . | . | . | . | . | . | 2    | 00 |
| C. A. Wells, horse-shoeing                   | . | . | . | . | . | . | . | 8    | 00 |
| Richard J. Hiatt, use of boats               | . | . | . | . | . | . | . | 5    | 50 |
| John B. Souther, chair                       | . | . | . | . | . | . | . | 4    | 00 |
| Henry N. Cass, frames                        | . | . | . | . | . | . | . | 4    | 35 |
| James Marshall, gravel and wood              | . | . | . | . | . | . | . | 16   | 60 |
| Trumbull & Cheney, use of engine             | . | . | . | . | . | . | . | 22   | 50 |
| Frost & Hawes, oil                           | . | . | . | . | . | . | . | 41   |    |
| Joel Atwood, labor and stock                 | . | . | . | . | . | . | . | 42   | 35 |
| Josiah York, labor on wood                   | . | . | . | . | . | . | . | 4    | 50 |
| Walter C. Stevens, additions to map          | . | . | . | . | . | . | . | 12   | 00 |
| Mary D. Ellis, rent of stable                | . | . | . | . | . | . | . | 60   | 00 |
| John C. Howes, sundries                      | . | . | . | . | . | . | . | 111  | 14 |
| H. S. Ingalls, woodwork                      | . | . | . | . | . | . | . | 25   | 20 |
| Eastman's Express                            | . | . | . | . | . | . | . | 85   | 90 |
| Bugbee & Barrett, sundries                   | . | . | . | . | . | . | . | 125  | 89 |
| W. W. Boardman, horse hire                   | . | . | . | . | . | . | . | 55   | 25 |

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*Amount carried forward,* . . . . . \$875 78

|                                                                             |          |
|-----------------------------------------------------------------------------|----------|
| <i>Amount brought forward,</i>                                              | \$875 78 |
| Addison Lane, services as superintendent                                    | 416 67   |
| Parker Merrill, services as superintendent                                  | 912 53   |
| J. F. Mayo, labor                                                           | 15 62    |
| Andrew L. Maclachlan, harness and repairs                                   | 97 20    |
| S. B. Knowles, steam hose                                                   | 12 70    |
| A. Mudge & Son, printing reports                                            | 13 92    |
| Alden B. Smith, pung shaft                                                  | 2 85     |
| Sewall & Day, jute packing                                                  | 70       |
| J. D. Littlefield & Son, ice                                                | 7 50     |
| Cotton and Woolen Mutual Insurance Company,<br>insurance on pumping station | 55 50    |
| J. S. Freeman                                                               | 1 80     |
| Leonard & Ellis, oil                                                        | 45 00    |
| William Morse, labor and stock                                              | 27 18    |
| Eastern Supply Co., rubber packing                                          | 11 70    |
| Gould Packing Co., packing                                                  | 17 28    |
| Serbert Cylinder Oil Co., oil caps                                          | 13 13    |
| Malden Steam Dye House, rug and matting                                     | 2 35     |
| W. H. Galliver, can polish                                                  | 2 00     |
| A. M. Gardner, grind stone                                                  | 7 50     |
| L. T. Freeman, teaming                                                      | 7 00     |
| City of Malden, work at gate house                                          | 148 13   |
| A. B. Franklin, enameled pipe                                               | 52 11    |
| C. F. Churchill, engineer                                                   | 800 00   |
| J. J. Brown, clipping horses                                                | 5 00     |
| Boston and Lockport Blocking Co., blocks                                    | 3 40     |
| N. E. Telephone Co.                                                         | 18 41    |
| J. W. Hamilton, horse-shoeing                                               | 25 60    |
| Joseph Edwards, repairs                                                     | 10 70    |
| W. A. Burrell, sundries                                                     | 79       |
| J. B. Johnson, repairs                                                      | 4 55     |
| Geo. W. Bartlett, hay and straw                                             | 194 68   |
| Bowker, Torrey & Co., tablet, bolts, etc.                                   | 52 30    |
| O. F. Ingalls, wood turning                                                 | 1 00     |
| Westgate & Johnson, insurance                                               | 27 25    |
| Boston Rubber Shoe Co., boots                                               | 6 25     |

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*Amount brhught forward,* . . . \$3,896 18



|                                           |            |
|-------------------------------------------|------------|
| <i>Amount brought forward,</i>            | \$3,896 18 |
| Harry Hunt, brass and packing             | 21 67      |
| Benj. Kempton, labor                      | 14 00      |
| A. J. Wilkinson & Co., galvanized chain   | 1 00       |
| H. A. Hartley & Co., matting              | 1 50       |
| F. E. Richardson, earth dressing          | 9 00       |
| Geo. W. Dew, painting                     | 7 90       |
| Chandler & Barber, brass chain, etc.      | 16 18      |
| Jenkins Bros., packing                    | 2 38       |
| Dodge, Haley & Co.                        | 55         |
| William L. Williams, printing             | 6 50       |
| L. B. Wilder, printing water bills        | 20 00      |
| Edson Manufacturing Co., suction hose     | 19 95      |
| Albon W. Parker, painting                 | 12 70      |
| R. Gibbons, slates and labor              | 3 26       |
| Justus Geist, flowers                     | 10 00      |
| C. B. & F. H. Goss, grain, etc.           | 4 50       |
| W. A. Jefts, stove                        | 14 00      |
| Dunton & Potter, printing                 | 7 50       |
| Expense account, as per cash book         | 54 48      |
| S. E. Benson, coal and wood               | 1,431 19   |
| A. F. Sargent, survey of Spot Pond        | 211 67     |
| Holyoke Hydrant and Iron Works            | 8 65       |
| Geo. F. King & Merrill, stationery        | 36 41      |
| Christian Hoffman, concreting             | 4 19       |
| Charles C. Odlin                          | 5 00       |
| M. F. Eastman, hay and grain              | 34 21      |
| Priest, Post & Co., scales                | 31 80      |
| Ralph McLaughlin, distributing notices    | 2 00       |
| Boston Bolt Co., galvanizing and bolts    | 40 88      |
| J. R. Jones, services as commissioner     | 50 00      |
| W. P. Sargent services as commissioner    | 50 00      |
| Wilbur D. Fiske, services as commissioner | 50 00      |
| S. O. Eldridge, express                   | 7 10       |
| C. H. Isburgh, wagon                      | 80 00      |
| Sundry labor bills                        | 3,512 02   |

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 \$9,659 84

## CONSTRUCTION ACCOUNT.

Cost of Water Works to Jan. 1, 1888 . . . \$252,942 22

Expended this year as follows:—

|                                                             |            |
|-------------------------------------------------------------|------------|
| Fuller, Dana & Fitz, iron . . .                             | \$1,289 74 |
| James W. Riley, services as Supt. from<br>March 1 . . . . . | 712 52     |
| Dalton & Ingersoll, stops and fixtures                      | 181 54     |
| Andrew J. Morse & Son, brass-work,<br>etc. . . . .          | 59 56      |
| Dexter Brothers, white lead . . .                           | 6 75       |
| Coffin Valve Co., valves . . .                              | 4 50       |
| Thomas McCoubry, blacksmithing . .                          | 95 75      |
| J. P. Deering, lumber . . . . .                             | 336 22     |
| Addison Lane, rent of shop, . . .                           | 120 00     |
| Geo. F. Blake M'f'g Co., swivel joint .                     | 80 45      |
| Boston & Maine R. R., freight . . .                         | 97 52      |
| Smith & Anthony Stove Co., furnace .                        | 150 00     |
| Whittier Machine Co., nuts and valves.                      | 141 72     |
| Boston Lead M'f'g Co., lead . . . .                         | 96 88      |
| Walworth M'f'g Co., service boxes . .                       | 107 62     |
| Somerville Iron Foundry, castings . .                       | 39 00      |
| George W. Townsend, diving services.                        | 104 39     |
| Holmes & Blanchard, shafting . . .                          | 13 75      |
| J. W. Bailey & Co., post and rails . .                      | 11 96      |
| Geo. H. Sampson, forcite . . . . .                          | 56 19      |
| Herman Slater & Co., copper pipe . .                        | 176 84     |
| D. Roby & Co., cement . . . . .                             | 832 25     |
| Chadwick Lead Works, lead . . . . .                         | 187 33     |
| G. G. Stillman, damper regulator . .                        | 112 50     |
| Crosby Steam Guage Co., force pump.                         | 46 00      |
| W. H. Ward & Co., bands and cocks . .                       | 262 25     |
| Chapman Valve Co., hydrants, gates,<br>etc. . . . .         | 778 22     |
| J. H. Cunningham, service pipe . . .                        | 478 70     |
| Davis & Farnum M'f'g Co., pipe and<br>clamps . . . . .      | 453 37     |
| Abbot Downing & Co., wagon . . . .                          | 237 85     |
| Robert Philpot, sand . . . . .                              | 88 50      |
| Sunday labor bills . . . . .                                | 2,395 26   |

\$9,755 53

Cost of Water Works to Jan. 1, 1889 . . . \$262,697 75

I have collected, as specified below, for water rates, including \$2,000 appropriated by the town, the sum of \$23,687.74, and from other sources \$1,218.06, making a total of \$24,905.80, which sum has been paid to the town treasurer, and for which I hold his receipts.

The following table shows the different classes of water-takers, and the amount paid by each; also the amounts received from other sources:—

|                           |   |   |   |                   |    |
|---------------------------|---|---|---|-------------------|----|
| Received from families    | . | . | . | \$17,721          | 27 |
| “ “ stores and shops      | . | . | . | 317               | 46 |
| “ “ manufactories         | . | . | . | 468               | 17 |
| “ “ use of hose           | . | . | . | 1,311             | 00 |
| “ “ stables               | . | . | . | 892               | 75 |
| “ “ motors                | . | . | . | 38                | 91 |
| “ “ meters                | . | . | . | 511               | 18 |
| “ “ greenhouses           | . | . | . | 128               | 00 |
| “ “ halls                 | . | . | . | 84                | 00 |
| “ “ fountains             | . | . | . | 20                | 00 |
| “ “ churches              | . | . | . | 57                | 00 |
| “ “ depots                | . | . | . | 132               | 00 |
| “ “ private school        | . | . | . | 6                 | 00 |
|                           |   |   |   | <hr/> \$21,687 74 |    |
| “ “ pipe accounts         | . | . | . | \$1,090           | 59 |
| “ “ stock sold            | . | . | . | 94                | 17 |
| “ “ return premium insur- |   |   |   |                   |    |
| ance                      | . | . | . | 33                | 30 |
| “ “ town of Melrose       | . | . | . | 2,000             | 00 |
|                           |   |   |   | <hr/> \$3,218 06  |    |
|                           |   |   |   | <hr/> \$24905 80  |    |

Respectfully submitted,

PARKER MERRILL,

*Superintendent.*

## WATER RATES.

## DWELLING-HOUSES.

|                                                                                                                                                        | PER YEAR. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Occupied by one family, for the first faucet . . . . .                                                                                                 | \$6 00    |
| For each additional faucet to be used for the same family . . . . .                                                                                    | 2 00      |
| When a house is occupied by more than one family and less than four, one faucet only being used for all, for each family . . . . .                     | 5 00      |
| When a house is occupied by four or more families, and but one faucet is used for all, for each family . . . . .                                       | 4 00      |
| When a house is occupied by more than one family, the highest rates will be charged for each family having water carried into their part of the house. |           |
| For the first water-closet . . . . .                                                                                                                   | 5 00      |
| For each additional water-closet . . . . .                                                                                                             | 3 00      |
| For the first bath-tub . . . . .                                                                                                                       | 5 00      |
| For each addition bath-tub . . . . .                                                                                                                   | 3 00      |
| Provided that no private house occupied by one family shall pay more than \$25 per year.                                                               |           |
| For each additional family using either a bath-tub or water-closet . . . . .                                                                           | 3 00      |
| When two faucets are used, one for hot and one for cold water, both emptying into one vessel, but one charge will be made for both.                    |           |

## BOARDING-HOUSES.

|                                                                |         |
|----------------------------------------------------------------|---------|
| For the first faucet . . . . .                                 | \$10 00 |
| For each additional faucet . . . . .                           | 2 00    |
| For water-closet or bath-tub, when used for boarders . . . . . | 10 00   |
| Other charges as above.                                        |         |

## STORES.

|                                                    |                 |
|----------------------------------------------------|-----------------|
| Occupied as office, shop, or similar purposes, for |                 |
| first faucet . . . . .                             | \$6 00 to 20 00 |
| For each additional faucet . . . . .               | 2 00            |
| For water-closet or urinal . . . . .               | 6 00            |

## STABLES.

|                                     |        |
|-------------------------------------|--------|
| For first horse . . . . .           | \$4 00 |
| For each additional horse . . . . . | 2 00   |
| For first cow . . . . .             | 2 00   |
| For each additional cow . . . . .   | 1 00   |

## LIVERY, CLUB, AND BOARDING STABLES.

|                                                 |        |
|-------------------------------------------------|--------|
| For first horse . . . . .                       | \$4 00 |
| For each additional horse . . . . .             | 2 00   |
| The above includes water for washing carriages. |        |
| Where hose is used, \$5.00 additional,          |        |

## TRUCK AND CART STABLES.

|                                                 |        |
|-------------------------------------------------|--------|
| For first horse . . . . .                       | \$3 00 |
| For each additional horse . . . . .             | 1 00   |
| The above includes water for washing carriages. |        |

## HOSE.

|                                                   |                 |
|---------------------------------------------------|-----------------|
| For use of hose . . . . .                         | \$3 00 to 10 00 |
| As may be agreed upon by the water commissioners. |                 |

## HOTELS.

|                                                |        |
|------------------------------------------------|--------|
| For each bed for borders and lodgers . . . . . | \$3 00 |
|------------------------------------------------|--------|

## BATHS.

|                                                    |         |
|----------------------------------------------------|---------|
| For public baths, and for each bath in any hotel . | \$10 00 |
| For water closet in public bath houses . . .       | 10 00   |

## STEAM ENGINE.

|                                                                                         |        |
|-----------------------------------------------------------------------------------------|--------|
| For stationary steam-engine working not over<br>ten hours a day, for each horse-power . | \$6 00 |
|-----------------------------------------------------------------------------------------|--------|

## BUILDING PURPOSES.

|                                           |        |
|-------------------------------------------|--------|
| For every cask of lime or cement used . . | \$0 05 |
|-------------------------------------------|--------|

## ORNAMENTAL FOUNTAINS.

Ordinarily used three hours a day for a period  
of not more than four months a year.

|                                             |        |
|---------------------------------------------|--------|
| For a jet of one sixteenth of an inch . . . | \$3 00 |
| For a jet of one eighth of an inch . . .    | 5 00   |
| For a jet of one quarter of an inch . . .   | 8 00   |

To be cut off at the discretion of the superin-  
tendent.

And for all purposes not enumerated in the  
foregoing rates, special contract must be made  
with the water commissioners.

TOTAL AMOUNT AND LOCATION OF MAIN AND DISTRIBUTING PIPES  
TO PRESENT TIME.

| STREETS.                 | FEET OF PIPE. |        |        |        |       |        |        | Hydrants. | GATES. |        |        |       |       |       |
|--------------------------|---------------|--------|--------|--------|-------|--------|--------|-----------|--------|--------|--------|-------|-------|-------|
|                          | 16-in.        | 14-in. | 12-in. | 10-in. | 8-in. | 6-in.  | 4-in.  |           | 16-in. | 12-in. | 10-in. | 8-in. | 6-in. | 4-in. |
| Albion .....             |               |        |        |        |       |        | 477    |           |        |        |        |       |       | I     |
| Allen Place .....        |               |        |        |        |       |        |        | 138       |        |        |        |       |       | I     |
| Ashland .....            |               |        |        |        |       |        | 1,955  | 2         |        |        |        |       |       | 4     |
| Auburn .....             |               |        |        |        |       |        | 372    |           |        |        |        |       |       | I     |
| Avon .....               |               |        |        |        |       |        | 422    |           |        |        |        |       |       | I     |
| Baxter .....             |               |        |        |        |       |        | 484    | I         |        |        |        |       |       | I     |
| Battery Place .....      |               |        |        |        |       |        |        | 150       |        |        |        |       |       | I     |
| Batchelder .....         |               |        |        |        |       |        | 834    | I         |        |        |        |       |       | 2     |
| Botolph .....            |               |        |        |        |       |        | 435    | I         |        |        |        |       |       | 2     |
| Borneo .....             |               |        |        |        |       | 924    |        |           | 2      |        |        |       | I     |       |
| Bellevue Avenue .....    |               |        |        |        |       | 774    | 1,000  | 2         |        |        |        |       | I     | 2     |
| Belmont .....            |               |        |        |        |       |        | 376    |           |        |        |        |       |       | I     |
| Berwick .....            |               |        |        |        |       |        | 1,226½ | I         |        |        |        |       |       | 2     |
| Brazil .....             |               |        |        |        |       |        | 1,115  | 2         |        |        |        |       |       | 2     |
| Cedar Park .....         |               |        |        |        |       |        | 1,206½ | 595       | 2      |        |        |       |       | 2     |
| Charles .....            |               |        |        |        |       |        | 335    | I         |        |        |        |       |       |       |
| Chestnut .....           |               |        |        |        |       |        | 817    | I         |        |        |        |       |       | 2     |
| Circuit .....            |               |        |        |        |       |        | 438    |           |        |        |        |       |       | 2     |
| Cleaveland .....         |               |        |        |        |       |        | 1,065  | I         |        |        |        |       |       | I     |
| Cottage .....            |               |        |        |        |       |        | 1,142  | 193       | 2      |        |        |       |       | 2     |
| Chestnut Park .....      |               |        |        |        |       |        | 226    |           |        |        |        |       |       |       |
| Dell Avenue .....        |               |        |        |        |       |        | 1,190  |           |        |        |        |       |       | I     |
| Dill's Court .....       |               |        |        |        |       |        | 360    |           |        |        |        |       |       | I     |
| East .....               |               |        |        |        |       |        | 534    |           |        |        |        |       |       | I     |
| Ellsworth Avenue .....   |               |        |        |        |       |        |        | 314       |        |        |        |       |       | I     |
| Elm .....                |               |        |        |        |       |        | 1,057  | I         |        |        |        |       |       | I     |
| Emerald .....            |               |        |        |        |       |        | 508    | I         |        |        |        |       |       | 2     |
| Emerson Place .....      |               |        |        |        |       |        |        | 251       |        |        |        |       |       | I     |
| Emerson .....            |               |        |        |        |       | 1,159½ | 3,987  | 6         |        |        |        |       | 2     | 4     |
| Essex .....              |               |        |        |        |       |        | 1,890  | 3         |        |        |        |       |       | 2     |
| Felton Place .....       |               |        |        |        |       |        |        | 245       |        |        |        |       |       | I     |
| Fifth .....              |               |        |        |        |       |        | 934    |           |        |        |        |       |       | 3     |
| First .....              |               |        |        |        |       | 1,803  |        | 3         |        |        |        |       |       | 2     |
| Florence .....           |               |        |        |        |       |        | 1,340½ | I         |        |        |        |       |       | 2     |
| Foster .....             |               |        |        |        |       |        | 682    | 2         |        |        |        |       | I     | 2     |
| Franklin .....           |               |        |        |        |       | 3,155½ | 1,169  | 4         |        |        |        |       |       | 2     |
| Glen .....               |               |        |        |        |       |        | 532    |           |        |        |        |       |       | I     |
| Goodyear Avenue .....    |               |        |        |        | 1,235 |        | 398    | 4         |        |        |        | 2     |       |       |
| Green .....              |               |        |        |        |       | 2,700  |        | 3         |        |        |        |       | 2     |       |
| Greenwood .....          |               |        |        |        |       |        | 1,263  | I         |        |        |        |       |       | 2     |
| Grove .....              |               |        |        |        |       | 1,865  | 1,669½ | 4         |        |        |        |       | I     |       |
| Grundy Place .....       |               |        |        |        |       |        |        | 202       |        |        |        |       |       | I     |
| Herbert .....            |               |        |        |        |       |        | 220    | 158½      |        |        |        |       |       | I     |
| High .....               |               |        |        |        |       |        | 376    | 600       | I      |        |        |       |       | I     |
| Highland Avenue .....    |               |        |        |        |       |        |        | 250       |        |        |        |       |       | I     |
| Hillside Avenue .....    |               |        |        |        |       |        | 337    | 291       |        |        |        |       |       | I     |
| Howard .....             |               |        |        |        |       |        | 922    | 383       | I      |        |        |       |       | 2     |
| Hurd .....               |               |        |        |        |       |        | 768    |           |        |        |        |       |       | I     |
| Ingalls Court .....      |               |        |        |        |       |        |        | 209       |        |        |        |       |       | I     |
| Irving .....             |               |        |        |        |       |        | 387    |           |        |        |        |       |       | I     |
| Lake Avenue .....        |               |        |        |        |       |        | 1,230  | I         |        |        |        |       |       | 2     |
| Lebanon .....            |               |        |        |        |       |        | 3,175  | 2         |        |        |        |       |       | 3     |
| Linden .....             |               |        |        |        |       |        |        | 200       |        |        |        |       |       | I     |
| Linden Place .....       |               |        |        |        |       |        |        | 286       |        |        |        |       |       |       |
| Lin'd ave. & Lynde ..... |               |        |        |        |       |        | 3,114  | 3         |        |        |        |       |       | I     |
| Lynde Place .....        |               |        |        |        |       |        | 380    | I         |        |        |        |       |       | I     |
| Main .....               |               |        | 4,010  |        |       | 4,359  | 1,069  | 701       | 10     | 2      |        |       | 2     | 3     |
| Maple and Poplar .....   |               |        |        |        |       |        | 2,265½ | 2         |        |        |        |       |       | 3     |
| Melrose .....            |               |        |        |        |       |        | 2,514½ | 2         |        |        |        |       |       | 4     |
| Melrose Place .....      |               |        |        |        |       |        | 510    |           |        |        |        |       |       | I     |



TOTAL AMOUNT AND LOCATION OF MAIN AND DISTRIBUTING PIPES  
TO PRESENT TIME.—*Continued.*

| STREETS.            | FEET OF PIPE. |        |        |        |       |        |        |        | Hydrants. | GATES. |        |        |       |       |        |
|---------------------|---------------|--------|--------|--------|-------|--------|--------|--------|-----------|--------|--------|--------|-------|-------|--------|
|                     | 16-in.        | 14-in. | 12-in. | 10-in. | 8-in. | 6-in.  | 4-in.  | 2-in.  |           | 16-in. | 12-in. | 10-in. | 8-in. | 6-in. | 4-in.  |
| Mt. Vernon.....     |               |        |        |        |       |        | 551    |        | 1         |        |        |        |       | 1     |        |
| Mt. Vernon Place..  |               |        |        |        |       |        | 224    |        |           |        |        |        |       | 1     |        |
| Myrtle.....         |               |        |        |        |       |        | 2,230  |        | 3         |        |        |        |       | 6     |        |
| Ninth.....          |               |        |        |        |       |        |        | 255    |           |        |        |        |       |       |        |
| Oakland.....        |               |        |        |        |       |        | 1,161  |        | 1         |        |        |        |       | 1     |        |
| Orient.....         |               |        |        |        |       |        | 1,047  |        | 1         |        |        |        |       | 2     |        |
| Orient Place.....   |               |        |        |        |       |        |        | 184    |           |        |        |        |       |       | 1      |
| Orris.....          |               |        |        |        |       |        | 1,268  |        |           |        |        |        |       | 3     |        |
| Otis.....           |               |        |        |        |       |        |        | 780    |           |        |        |        |       |       |        |
| Panama.....         |               |        |        |        |       | 112    |        |        |           |        |        |        |       |       |        |
| Para.....           |               |        |        |        |       | 268    |        |        |           |        |        |        |       |       |        |
| Perkins.....        |               |        |        |        |       |        | 236    |        |           |        |        |        |       | 1     |        |
| Pine.....           |               |        |        |        |       |        | 338    |        | 1         |        |        |        |       | 1     |        |
| Pleasant.....       |               |        |        |        |       |        |        | 1,125  |           |        |        |        |       |       | 1      |
| Porter.....         |               |        |        |        |       |        | 2,514½ |        | 3         |        |        |        |       | 1     |        |
| Pond to Wy'ng Ave   | 3,810         |        |        |        |       |        |        |        |           | 2      |        |        |       |       |        |
| Pratt.....          |               |        |        |        |       |        | 378    |        | 1         |        |        |        |       | 1     |        |
| Prospect Avenue..   |               |        |        |        |       |        | 500    |        | 1         |        |        |        |       | 1     |        |
| Pump to int'section |               |        | 3,032  |        |       |        |        |        | 2         | 2      |        |        |       |       |        |
| Prospect.....       |               |        |        |        |       |        | 1,026  |        | 1         |        |        |        |       | 1     |        |
| Reservoir.....      |               | 96     |        |        |       |        |        |        |           |        |        |        |       |       |        |
| Rowe.....           |               |        |        |        |       |        | 950    | 552    | 2         |        |        |        |       | 3     | 1      |
| Res. to Ravine Rd.  |               |        | 1,370  |        |       |        |        |        |           | 2      |        |        |       |       |        |
| Russell.....        |               |        |        |        |       |        | 448    |        |           |        |        |        |       | 1     |        |
| School.....         |               |        |        |        |       |        |        | 495    |           |        |        |        |       |       |        |
| Second.....         |               |        |        |        |       | 1,185  |        |        | 3         |        |        |        | 1     |       |        |
| Seventh.....        |               |        |        |        |       |        |        | 288    |           |        |        |        |       |       | 1      |
| Short.....          |               |        |        |        |       |        | 216    |        |           |        |        |        |       | 2     |        |
| Sixth.....          |               |        |        |        |       |        | 292    |        |           |        |        |        |       | 2     |        |
| Stevens Place.....  |               |        |        |        |       |        | 110    | 216    |           |        |        |        |       |       |        |
| Summer.....         |               |        |        |        |       |        | 961    |        | 2         |        |        |        |       | 2     |        |
| Summit Avenue..     |               |        |        |        |       |        | 442    |        | 1         |        |        |        |       | 1     |        |
| Suction.....        |               |        | 250    |        |       |        |        |        |           |        |        |        |       |       |        |
| Tappan.....         |               |        |        |        |       |        |        | 521    |           |        |        |        |       |       | 1      |
| Tenth.....          |               |        |        |        |       |        | 419    |        |           |        |        |        |       | 2     |        |
| Third.....          |               |        |        |        |       |        | 287    | 247    |           |        |        |        |       | 1     | 1      |
| Tremont.....        |               |        |        |        |       |        | 3,180  | 500    | 3         |        |        |        |       | 4     | 1      |
| Trenton.....        |               |        |        |        |       | 1,233  | 1,331½ |        | 2         |        |        |        | 2     | 2     |        |
| Tibbetts Place..... |               |        |        |        |       |        | 144    |        |           |        |        |        |       | 1     |        |
| Union.....          |               |        |        |        |       |        | 530    |        |           |        |        |        |       | 1     |        |
| Upham.....          |               |        |        |        |       |        | 5,581  |        | 6         |        |        |        |       | 3     |        |
| Vine.....           |               |        |        |        |       |        | 691    |        |           |        |        |        |       | 2     |        |
| Vinton.....         |               |        |        |        |       | 4,817½ | 436    |        | 7         |        |        |        | 4     |       |        |
| Walnut.....         |               |        |        |        |       |        | 187½   |        |           |        |        |        |       | 1     |        |
| Walton Park.....    |               |        |        |        |       |        | 1,097  |        | 2         |        |        |        |       |       |        |
| Warren.....         |               |        |        |        |       |        | 1,342  |        | 2         |        |        |        |       | 2     |        |
| Washington.....     |               |        |        | 960    |       |        | 3,025  |        | 3         |        | 2      |        |       | 2     |        |
| Waverly Place...    |               |        |        |        |       |        | 690½   |        | 1         |        |        |        |       | 1     |        |
| West Hill.....      |               |        |        |        |       |        | 158    |        |           |        |        |        |       | 1     |        |
| Wing.....           |               |        |        |        |       |        | 375    |        |           |        |        |        |       | 1     |        |
| Willow.....         |               |        |        |        |       |        |        | 663    |           |        |        |        |       |       | 1      |
| Winter.....         |               |        |        |        |       |        | 241    |        |           |        |        |        |       | 1     |        |
| Winthrop Place...   |               |        |        |        |       |        | 520    |        | 1         |        |        |        |       |       |        |
| Winthrop.....       |               |        |        |        |       |        | 695½   |        |           |        |        |        |       | 2     |        |
| Wyoming Avenue..    | 3,360         |        |        |        |       |        | 1,076  |        | 3         | 3      |        |        |       | 1     |        |
| Waste.....          |               |        |        |        |       | 55     | 51     |        |           |        |        |        | 3     | 2     |        |
| Youle.....          |               |        |        |        |       |        | 1,655½ |        | 2         |        |        |        |       | 1     |        |
|                     | 7,170         | 96     | 8,752  | 960    | 1,235 | 25,092 | 86,232 | 10,993 | 131       | 5      | 6      | 2      | 2     | 24    | 137 21 |

Total length of Main and distributing pipes 26 80-100 miles.

# REPORT

## OF THE

### WATER LOAN SINKING FUND COMMISSIONERS.

MELROSE, DEC. 31, 1888.

The Water Loan Sinking Fund Commissioners present the following report for the year ending at the above date. Our receipts during the past year have been as follows:—

|                                          |            |
|------------------------------------------|------------|
| From water board, being surplus for 1887 | \$2,832 28 |
| Income from investments . . . . .        | 1,438 58   |

|                                                                        |          |
|------------------------------------------------------------------------|----------|
| We have invested in first mortgage on real estate in Melrose . . . . . | 3,000 00 |
|------------------------------------------------------------------------|----------|

The present condition of the sinking fund is as follows:

|                                                         |             |
|---------------------------------------------------------|-------------|
| Town of Melrose, high service 4's . . . . .             | \$13,000 00 |
| Town of Melrose, water bonds series 1887, 4's . . . . . | 3,000 00    |
| Mortgages on real estate in Melrose . . . . .           | 13,800 00   |
| U. S. bonds, 4½'s . . . . .                             | 3,500 09    |
| City of Providence, 5's . . . . .                       | 1,000 00    |
| Cash in Melrose savings bank . . . . .                  | 2,418 05    |

\$36,718 05

Referring to our treasurer's report for a full statement of receipts and payments.

Respectfully submitted,

DANIEL RUSSELL,  
JOHN W. FARWELL,  
ROYAL P. BARRY,

*Water Loan Sinking Fund Commissioners.*

The Water Commissioners wish to make the following statement: The gravity system has not been used since high service was introduced. Since that time *all* the water used has been pumped into the reservoir. The reservoir is 17 feet deep, and the engineer's orders are now, and have been, to fill at every pumping; not so as to run over the banking, or endanger it, but in winter within 18 inches of the top, and summer 12 inches.

The above statement is called out by an enquiry "presuming we were not pumping now, because the pond is *full*," evidently not realizing that the gravity system, even with the pond full, would be of but little use at West Hill, Walton Park, or even Bellevue avenue.

NOTE. On page 97 of this report, the sum total of stock and tools on hand should read \$4,643.13; through typographical error it is printed \$41,643.13. On page 109, read sundry labor bills, instead of sunday labor bills, as printed.



REPORT OF THE TRUSTEES

OF THE

MELROSE PUBLIC LIBRARY

FOR THE

YEAR ENDING DECEMBER 31, 1888.

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MELROSE :  
DUNTON & POTTER, PRINTERS.  
1889.



EIGHTEENTH ANNUAL REPORT  
OF THE  
TRUSTEES OF THE MELROSE PUBLIC LIBRARY  
FOR THE YEAR ENDING DEC. 31, 1888.

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The trustees of the public library present their eighteenth annual report.

During the year our esteemed fellow member, Mr. C. C. Barry resigned his position as secretary of the board, having served continuously for sixteen years. It would have been very gratifying if we could have induced him to continue in the position he has so efficiently filled, but this he absolutely refused to do, and another member was chosen for the work.

The supplementary catalogue has been published and is now in the hands of the patrons of the library. Also a catalogue of the books of reference has been issued and can be obtained of the librarian in the reading-room.

In March, 1888, Mr. Charles A. Patch and Miss Mary L. Charles were elected members of the board.

In December, Hon. W. E. Barrett repeated the generous gift of the year before and presented to the trustees his check for one hundred dollars, suggesting that we "use a part of it to purchase books bearing upon the building, furnishing, decoration and surrounding of homes, making the rest a nucleus for a permanent fund." This the trustees have decided to do and to call it the Wm. Emerson Barrett Fund, the foundation of which was made last year.

Mr. Barrett takes an honest interest in enlarging and developing this department, and promises to give from time to



time, such amounts as will enable the trustees to make it effective and of far reaching importance.

Mr. Barrett has set an example worthy of many followers and we trust other departments may be similarly favored.

The income of the Horatio Nelson Perkins Fund has been used to complete the set of works by Benjamin Franklin, and to purchase a volume of Pamphlets on the Constitution of the United States, published During its Discussion by the People, 1787-88.

There are only five hundred copies of the book published, and we were fortunate enough to secure one.

During the year past your committee have enlarged the shelf-room of the library, by putting a new book-case in the centre of each alcove, thus giving, for the time being, the needed room, but we cannot find space much longer for further enlargement, as the unoccupied shelves will undoubtedly be filled before another year. Is it not time for the citizens to seriously consider the future accommodation of the library?

The library has been opened Monday, Wednesday and Saturday evenings, and Wednesday and Saturday afternoons, with the exception of legal holidays. The statistics of the library for the year 1888 are as follows :

#### STATISTICS FOR THE YEAR 1888.

|                                               |   |       |       |
|-----------------------------------------------|---|-------|-------|
| Number of volumes in library, Jan. 1. 1888    | . | .     | 7,401 |
| “ “ “ purchased this year                     | . | 406   |       |
| “ “ “ donated “ “                             | . | 9     |       |
|                                               |   | <hr/> | 415   |
| “ “ “ in library Jan. 1, 1889                 | . |       | 7,816 |
| Number of persons using library, Jan. 1, 1888 | . |       | 2,851 |
| “ “ cards issued this year                    | . | 358   |       |
| “ “ “ relinquished this year                  | . | 39    |       |
|                                               |   | <hr/> | 319   |
| Number of persons using library, Jan. 1, 1889 | . |       | 3,170 |

|                                               |        |
|-----------------------------------------------|--------|
| Largest number of volumes issued in one day . | 467    |
| Smallest “ “ “ “ “ “ .                        | 14     |
| Average “ “ “ “ Mondays .                     | 96     |
| “ “ “ “ Saturdays .                           | 374    |
| Whole “ “ “ “ in March .                      | 3,274  |
| “ “ “ “ in May .                              | 2,762  |
| “ “ “ “ in October .                          | 2,856  |
| “ “ “ “ in December .                         | 3,002  |
| “ “ “ “ in 1888 .                             | 32,986 |

Mr. C. S. Mixter has kindly presented to the library a very comprehensive Catalogue of the Public Libraries of the United States of America, their History, Condition and Management. Parts I and II.

We have also received from Mrs. Wm. Bailey, 13 volumes of The Family Library, and from Miss Cheever, Littell's Living Age, Atlantic Monthly, and the Popular Science Monthly for 1886-87.

Our reading-room is being more and more appreciated each year, and the increase of regular patronage shows the importance of this branch of the library. The publications to be found on the forms and tables meet the varied wants of a large class of readers and students, and the steady growth in interest is very perceptible.

The reading-room has been opened every evening during the week; also, on Wednesday and Saturday afternoons, with the exception of legal holidays and the monthly meeting of the school committee. Statistics of the reading-room are as follows:—

|                                               |        |
|-----------------------------------------------|--------|
| Number of persons using the reading-room Jan. |        |
| 1, 1888 . . . . .                             | 10,680 |
| Number of persons using the reading-room,     |        |
| Jan. 1, 1889 . . . . .                        | 10,908 |
| Largest number in one month . . . . .         | 1,151  |
| “ “ “ day . . . . .                           | 136    |
| Books brought from library used in reading-   |        |
| room . . . . .                                | 102    |
| Number of books replaced in 1888 . . . . .    | 99     |
| “ “ rebound “ “ . . . . .                     | 761    |
| “ “ magazines bound for library . . . . .     | 21     |

The following list gives an idea of the various publications that each reader has to choose from :—

*Magazines.**Donors.*

|                                               |                   |
|-----------------------------------------------|-------------------|
| American Agriculturist.                       |                   |
| American Naturalist.                          |                   |
| Art Amateur.                                  |                   |
| Atlantic Monthly Magazine.                    |                   |
| Academy.                                      | Daniel Jefferson. |
| Art Magazine, Cassell's.                      |                   |
| Chambers' Monthly Magazine.                   |                   |
| Century.                                      |                   |
| Chautauquan.                                  |                   |
| Cottage Hearth.                               | F. P. Shumway.    |
| Eclectic Monthly Magazine.                    |                   |
| English Mechanic,                             |                   |
| Eclectical Review.                            | G. W. Mansfield.  |
| Gartenlaube.                                  |                   |
| Harper's Monthly Magazine.                    |                   |
| "    Young People.                            |                   |
| "    Bazar.                                   |                   |
| "    Weekly.                                  |                   |
| Littell's Living Age.                         |                   |
| London Punch.                                 |                   |
| London Illustrated News.                      |                   |
| Lippincott's.                                 | Friend            |
| Literary World.                               | Daniel Jefferson  |
| Magazine of American History.                 |                   |
| Modern Light and Heat.                        | G.W. Mansfield.   |
| Nation.                                       |                   |
| North American Review.                        |                   |
| Outing Monthly Magazine.                      |                   |
| Overland Monthly Magazine.                    |                   |
| Popular Science Monthly.                      |                   |
| Scribner's Monthly Magazine.                  |                   |
| St. Nicholas Magazine.                        |                   |
| Science.                                      |                   |
| Scientific American.                          |                   |
| Scientific American Architect and<br>Builder. |                   |

*Magazines.**Donors*

Wide Awake.

Woman's Magazine.

The Forum.

The Electrician.

Publishers.

Mr. Davidson.

## DONATIONS.

*Pamphlets.*

|                                                                       |   |   |     |
|-----------------------------------------------------------------------|---|---|-----|
| Number of pamphlets in library Jan. 1, 1888                           | . | . | 963 |
| Annual Report of the Boston Public Library                            | . | . | 1   |
| “ “ “ Chicago “ “ . . .                                               | . | . | 1   |
| “ “ “ Hopedale “ “ . . .                                              | . | . | 1   |
| “ “ “ Lancaster “ “ . . .                                             | . | . | 1   |
| “ “ “ Malden “ “ . . .                                                | . | . | 1   |
| “ “ “ Manchester, N. H., Public Library                               | . | . | 1   |
| “ “ “ Newton “ “ . . .                                                | . | . | 1   |
| “ “ “ Somerville “ “ . . .                                            | . | . | 1   |
| “ “ “ Watertown “ “ . . .                                             | . | . | 1   |
| “ “ “ Woburn “ “ . . .                                                | . | . | 1   |
| “ “ “ Bebee “ “ . . .                                                 | . | . | 1   |
| Proceedings of trustees of the Newberry Library,<br>Chicago . . . . . | . | . | 1   |
| Official Gazette of the U. S. Patent Office . . .                     | . | . | 52  |
| The Tuftonian . . . . .                                               | . | . | 17  |
| Bulletin of Boston Public Library . . . . .                           | . | . | 2   |
| Herbert Spencer, on the Americans, D. Jefferson                       | . | . | 1   |
| The Man versus The State, “ “ . . .                                   | . | . | 1   |
| National Sin of Literary Piracy, “ “ . . .                            | . | . | 1   |
| Mr. Henry George, Unproved Assumption,<br>D. Jefferson                | . | . | 1   |
| Among the Americans, . . . . D. Jefferson                             | . | . | 1   |
| Story of the Victoria Jubilee Banquet . . . . .                       | . | . | 1   |
| Oration of Hon. George F. Hoar of Massachusetts,<br>D. Jefferson      | . | . | 1   |
| Jesus Christ Eternally Alive, . . . C. O. Bradlee                     | . | . | 1   |

*Books.*

Tenth Census.  
 The Smoked Tank.  
 Leaves From a Diary.  
 Life in the World's Wonderland.  
 International Council of Women.  
 My Story of the War.  
 Letters on the Eucharist.  
 Mammon, Maud Howe.  
 The Spell of Home, Mrs. Wister.

*Donors.*

H. M. Lovering.  
 M. Grisby.  
 S. T. Clover.  
 E. A. Sherman.  
 M. A. Livermore.  
 M. A. Livermore.  
 Mrs. O. E. Phinney.  
 Friend.  
 Friend.

*Papers.*

Alta, California.  
 Christian Register.  
 Cincinnati Gazette.  
 London Weekly Times.  
 Melrose Journal.  
 Melrose Reporter.  
 New York Tribune.  
 National Tribune, G. A. R.  
 Pilot.  
 Springfield Republican.  
 Weekly Inter-Ocean.  
 Weekly Courier-Journal, of Louisville, Ky.  
 Weekly News and Courier, of Charleston, S. C.  
 Woman's Journal.  
 Youth's Companion.

*Donors.*

Woman's Aux. Uni. Ch.  
  
 L. F. Williams.  
 Dunton & Potter.  
  
 Mrs. M. A. Livermore.

Among the donations mentioned above, we have received from a friend, refusing to have his name used, Lippincott's, for the reading-room, and a copy of Maud Howe's Mammon, and Mrs. Wister's Spell of Home, for the library.

To all donors of books, pamphlets, papers, or magazines, the trustees extend their heartfelt thanks.

The librarian, Miss C. M. Worthen, and her assistants, have attended faithfully to the duties assigned them, and have courteously rendered valuable aid in the choice of books.

Before long we shall be obliged to revise our catalogue and have an entire new edition. In order to do this a special appropriation from the town will be required, and it will be necessary to close the library while the work is going on.

For the year 1889-90, we ask an appropriation for the library and reading-room of seven hundred and fifty dollars, and the dog tax.

Respectfully submitted in behalf of the trustees,

RUBY F. FARWELL,

*Secretary.*

|                   |   |                  |
|-------------------|---|------------------|
| ELBRIDGE H. GOSS, | } | <i>Trustees.</i> |
| CHARLES C. BARRY, |   |                  |
| RUBY F. FARWELL,  |   |                  |
| MARY L. CHARLES,  |   |                  |
| CHARLES A. PATCH, |   |                  |

## STATEMENT OF THE HORATIO NELSON PERKINS FUND.

FROM JAN. 1, 1888, TO JAN. 1, 1889.

## CR.

|                                           |          |
|-------------------------------------------|----------|
| By balance on hand Jan. 1, 1888 . . . .   | \$515 80 |
| By interest from Melrose savings bank . . | 20 10    |
|                                           | <hr/>    |
|                                           | \$535 90 |

## DR.

|                                             |          |
|---------------------------------------------|----------|
| To cash paid G. P. Putnam's Sons, books . . | \$30 00  |
| To cash paid C. L. Woodward, books . . .    | 5 00     |
| Balance on hand . . . . .                   | 500 90   |
|                                             | <hr/>    |
|                                             | \$535 90 |

Respectfully submitted,

E. H. GOSS, *Treasurer.*



ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF THE

TOWN OF MELROSE,

FOR THE

Year Ending December 31, 1888.

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MELROSE :  
DUNTON & POTTER, PRINTERS.  
1889.

# SCHOOL COMMITTEE.

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## ORGANIZATION.

|                                         |   |   |                     |
|-----------------------------------------|---|---|---------------------|
| JOHN O. NORRIS, <i>Chairman</i> ,       | . | . | Term expires, 1890. |
| MRS. S. W. BRADBURY, <i>Secretary</i> , | . | " | " 1890.             |
| MRS. A. B. P. WATERHOUSE,               | . | " | " 1889.             |
| MR. C. F. LORING,                       | . | " | " 1889.             |
| MRS. A. K. MILLER,                      | . | " | " 1891.             |
| MR. JOHN C. MAKER,                      | . | " | " 1891.             |

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## SUB-COMMITTEES.

### *On accounts.*

MR. LORING.  
MR. MAKER.  
MR. NORRIS.

### *Centre District.*

MRS. MILLER.  
MRS. WATERHOUSE.  
MRS. BRADBURY.

### *On High School.*

MR. NORRIS.  
MRS. BRADBURY.  
MRS. WATERHOUSE.

### *Highlands District.*

MRS. WATERHOUSE.  
MR. LORING.  
MR. MAKER.

### *Wyoming District.*

MR. MAKER.  
MRS. BRADBURY.  
MRS. MILLER.

### *Text Books and Course of Study.*

MR. NORRIS.  
MRS. MILLER.  
MR. LORING.

## REPORT OF SCHOOL COMMITTEE.

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*To the Citizens of Melrose:*

The School Committee respectfully present this, their annual report:—

As their work comes properly under two distinct departments, it is so considered in this report.

No inconsiderable portion of the service of your committee is employed in the care of the buildings and other school property.

Your attention is invited, first then, to an account of what has been done, during the past year, to preserve, improve and care for all the property under the control of this board.

### REPAIRS AND IMPROVEMENTS.

It has been the desire of the committee to keep the school property in a good condition.

The Centre school building, which has had but little work done on its interior since its erection, was put into as good a condition as possible during the summer vacation.

The walls were newly kalsomined, and all the interior wood-work was painted thoroughly or covered with two coats of hard finish.

A great deal of labor was required to put the pupils' desks into good condition, as many of them were older than the building and have the marks of many years' service, testifying to the zealous efforts of many a vigorous boy to carve his name in letters that the hand of time would not efface.

The jack-plane of a carpenter has destroyed all such attempts at acquiring fame, and now these desks are smooth and clean, a condition that can easily be maintained by care and vigilance on the part of teachers.

It is the wish of the committee that a careful watch should be kept by teachers and janitors on all school property, to the end that all marring or injury of the same may be prevented.

This is necessary not only on account of the appearance of the buildings and furniture, but it is an important part of a child's training to cause him to look upon the property of the town as requiring as much care and as good usage at his hands as that of his own home, or of those homes that he visits.

Many a boy has a different standard as to defacing public property from that which he is taught to set for himself in private houses.

He would not think of cutting or scratching the arm-chair in the parlor, or the dining-room table at home, but he hacks away at his desk at school without any compunctions.

Such a boy needs to be made to feel a pride in keeping things neat and clean, and to be willing to put some restraint on himself, and his pocket-knife. Not long ago the writer looked into a school room just at the close of the session and found a great scrubbing and cleaning going on.

On inquiry he was told by the teacher that the pupils were removing ink stains from their desks.

An examination of the desks in that room showed them to be nearly as perfect and as clean as when first put in, some three or four years ago.

Each succeeding class has learned that in that room the furniture must be kept in good condition, and has done its part to maintain the standard set by that teacher.

This same condition can be reached, and ought to be reached everywhere.

At Upham street, the building and fence were repainted and repaired, new blackboards were put in, and everything that seemed out of repair was put into good shape.

New concrete walks and sidewalks were laid at the Franklin and Vinton street school houses, and a strip of concrete was put round the Franklin school house, while that round the Grove street building was top-dressed.

At the old Green street school house, extensive repairs

were made on the lower room, and it was put into as good condition as possible, care being taken to make such improvements as would do away with the causes for complaint that formerly existed in that building.

The absence of complaint this season leads us to conclude that we have been successful.

#### CARE OF BUILDINGS.

In such a town as ours, with many small school buildings, the care of the buildings is quite a serious problem.

The wages paid for the care of one building, cannot, in the nature of things be sufficient to make it reasonable to expect any janitor to devote his whole time to it, and consequently he is sometimes wanted when he cannot be found, and sometimes the press of other duties interferes with the care of the school house.

The committee have tried to solve this problem by employing one man only for two or three school houses, with the understanding that he shall devote all his time, during the season of the year when fires are maintained, to the care of the buildings.

The plan, as far as tried, promises well, and we hope it will continue to be satisfactory to all parties concerned.

While the condition of our buildings is good and in many ways they are satisfactory, in two respects they fall short of what our town ought to have.

In the first place, they are not so well heated as they ought to be. Experience has proved conclusively that in extreme cold weather hardly any of our buildings can be properly heated.

It seems to be impossible to heat such large buildings, built of wood, with furnaces.

It is not entirely demonstrated, but the facts seem to prove that steam heating apparatus will do better.

We have four buildings of about the same size ; three are heated by furnaces and one by steam.

The latter was better heated, with about three-fourths as much coal last year, than either of the others, which consumed each about the same amount of coal, or twenty-five per cent. more than the one heated by steam.

How much of this difference is to be attributed to the fact that the building heated by steam is of brick, cannot be stated ; but even if this does have some influence, the testimony seems to be on the side of steam ; and it would probably be wise, as the present furnaces become useless, to put steam-heating apparatus into the larger buildings.

Secondly—Our buildings do not afford sufficient accommodations for our pupils.

In a town increasing in population as rapidly as ours, frequent additions to the number of school rooms must be made.

The town has responded liberally and promptly to such demands in the past, and we have no doubt will do so in the future.

It is a part of our duty to lay before the citizens what in our judgment is needed.

The first and most pressing need is at the High school building. During the past year it has been filled to its utmost capacity.

Originally built to accommodate about two hundred and twenty-five pupils, for the past year it has been crowded with more than three hundred, until every seat in the High school has been filled and all the available room has been occupied by extra seats which were also filled.

There is no room in which to put the increased number of pupils next year, which will be sure to come.

Something must be done at once. Either a new building should be built for the High school, or the present building should be enlarged and remodelled, so as to make it large enough to continue the present organization of the schools for some years to come, until the town shall be ready to build a building for the exclusive use of the High school.

We believe that the building can be adapted to the use of our schools for some years, at an expense about one-third the cost of a new building, and that the result would not only give ample room, but would remove some features that have been criticised.

Many of the remaining buildings have about as many pupils as they are adapted to, especially the Franklin School,



the Centre, Grove street, and Upham street. It will probably be necessary, in order to relieve some of the classes in these buildings, to establish another school at Green street, and to put the old building at the Highlands into temporary use, by the beginning of the school year in September.

These buildings and those on Lynde and Upham streets are very old and ought to be replaced by new ones as soon as the town is disposed to take action in the matter.

It will not be more than a year or two before the growth of the town will make more room necessary in these districts, and will compel the erection of new buildings.

Until that time shall arrive, it seems necessary to use these old buildings, making them as comfortable and attractive as possible, and we trust parents will recognize the wisdom of this course and complain only when there is some real reason for it.

#### OTHER SCHOOL PROPERTY.

All the books and apparatus belonging to the schools is in good condition, considering all the circumstances. Many of the books, purchased when the state law requiring towns to furnish books free went into effect, are worn out and new ones must be bought. This may make a little larger appropriation for school contingent necessary. In this connection the committee take pleasure in assuring the town that most excellent care is taken of all such books.

Those who are familiar with such matters speak of our town as being one of the best in the state in this respect.

New encyclopedias have been placed in the seventh grade for the use of pupils, and the apparatus necessary for the use of the college class in physics has been purchased.

The stock of general supplies has been kept up and as will be seen by the agent's report submitted at the end of this report, somewhat increased.

The conditions regarding books and supplies are like those about school accommodations. Increase of pupils means increase in expenditure and in appropriations.

We have spoken thus fully of the condition and needs of



the schools as to buildings and property, because it seems proper that all the citizens should know what has been done, and what we think ought to be done. It now remains to speak of some matters pertaining to the schools themselves.

#### GENERAL CONDITION.

In spite of the loss of several good teachers in June, we think a condition of good average excellence has been maintained throughout the year.

There has been comparatively little complaint to the committee on the part of parents or teachers, which shows a progress of affairs with a small amount of friction.

During the winter the chairman gave up for a time the practice of having a special office hour, as there seemed so little occasion for it.

The board feel that they are right in claiming that there has been general satisfaction, for it does not seem probable that our citizens would indulge in much criticism among themselves, and that no one should present it to those officers whose business it is to remedy defects and remove evils.

This is a very desirable condition of things, and one that ought to be maintained in a community of intelligent persons, who appreciate the value of public schools, who wish for the best results, and are willing to co-operate in obtaining them.

Yet we are far from an ideal condition of things, and it is better that such a report as this should speak of what is needed rather than dwell upon what has been done.

One thing needed is a better and more punctual attendance on the part of quite a number of pupils.

In some schools the register will show the names of pupils absent or tardy half the time. It is true that not many cases are as bad as this but there is quite a large number of cases in which a reform is needed.

Parents do not realize the importance of the work done in schools, and for trivial reasons or for none at all, simply to gratify a child's desire, permit the precious moments that should be spent in study to pass in some unprofitable or unnecessary employment.

As a rule those pupils that are absent or tardy a great deal might as well not be in school at all, so far as progress in studies is concerned, and so far as influence on the school or on the pupil's own character goes, they might better remain away entirely.

Without going through any very elaborate process of reasoning, such children come to form a low estimate of the value of school, and have no sense of moral responsibility to it; hence they are often troublesome in conduct, and are being trained to be indifferent and careless as to results, a sad preparation surely, for the responsibilities and duties of manhood and womanhood.

Most parents will confess that promptness and thoroughness are two of the most valuable characteristics in those who accomplish anything in life. Why then are they willing for merely temporary convenience or advantage, to allow their children to be trained up in total opposition to the acquirements of these important and excellent habits? In this connection attention is again called to the Public Statutes concerning school attendance, described in the report of last year, and also to the additional laws passed by the last legislature which are here given.

[CHAP. 149.]

AN ACT TO CAUSE PROPER SANITARY PROVISIONS AND PROPER VENTILATION IN PUBLIC BUILDINGS AND SCHOOLHOUSES.

*Be it enacted, etc., as follows:*

SECT. 1. Every public building and every schoolhouse shall be kept in a cleanly state and free from effluvia arising from any drain, privy, or other nuisance, and shall be provided with a sufficient number of proper water closets, earth closets, or privies for the reasonable use of the persons admitted to such public building or of the pupils attending such schoolhouse.

SECT. 2. Every public building and every schoolhouse shall be ventilated in such a proper manner that the air shall not become so exhausted as to be injurious to the health of the persons present therein. The provisions of this section and the preceeding sections shall be enforced by the inspection department of the district police force.

SECT. 3. Whenever it shall appear to an inspector of factories and

public buildings that further or different sanitary provisions or means of ventilation are required in any public building or schoolhouse in order to conform to the requirements of this act, and that the same can be provided without incurring unreasonable expense, such inspector may issue a written order to the proper person or authority directing such sanitary provisions or means of ventilation to be provided, and they shall thereupon be provided in accordance with such order by the public authority, corporation or person having charge of, owning or leasing such public building or schoolhouse.

SECT. 4. Any school committee, public officer, corporation or person neglecting for four weeks after the receipt of an order from an inspector, as provided in the preceding section, to provide the sanitary provisions or means of ventilation required thereby shall be punished by fine not exceeding one hundred dollars.

SECT. 5. The expression "public building" used in this act means any building or premises used as a place of public entertainment, instruction, resort or assemblage. The expression "schoolhouse" means any building or premises in which public or private instruction is afforded to not less than ten pupils at one time.

SECT. 6. This act shall take effect upon its passage. [*Approved March 20, 1888.*]

[CHAP. 348.]

AN ACT IN RELATION TO THE EMPLOYMENT OF CHILDREN.

*Be it enacted, etc., as follows:*

SECT. 1. No child under thirteen years of age shall be employed at any time in any factory, workshop or mercantile establishment. No such child shall be employed in any indoor work, performed for wages or other compensation, to whomsoever payable, during the hours when the public schools of the city or town in which he resides are in session, or shall be employed in any manner during such hours unless during the year next preceding such employment he has attended school for at least twenty weeks as required by law.

SECT. 2. No child under fourteen years of age shall be employed in any manner before the hour of six o'clock in the morning or after the hour of seven o'clock in the evening. No such child shall be employed in any factory, workshop or mercantile establishment, except during the vacation of the public schools in the city or town where he resides, unless the person or corporation employing him procures and keeps on

file a certificate and employment ticket for such child as prescribed by section four of this act, and no such child shall be employed in any indoor work, performed for wages or other compensation, to whomsoever payable, during the hours when the public schools of such city or town are in session, unless as aforesaid, or shall be employed in any manner during such hours unless during the year next preceding such employment he has attended school for at least twenty weeks as required by law; and such employment shall not continue in any case beyond the time when such certificate expires. The chief of the district police, with the approval of the governor, shall have authority to designate any kind or kinds of employment in factories, workshops or mercantile establishments as injurious to the health of children under fourteen years of age employed therein, and after one week's written notice from the said chief to the employer or his superintendent, overseer or other agent of such designation no such child shall be employed in any such kind or kinds of employment in any factory, workshop or mercantile establishment.

SECT. 3. No child under sixteen years of age shall be employed in any factory, workshop or mercantile establishment unless the person or corporation employing him procures and keeps on file the certificate required in the case of such child by the following section, and also keeps on file a full and complete list of such children employed therein.

SECT. 4. The certificate of a child under fourteen years of age shall not be signed until he presents to the person authorized to sign the same an employment ticket, as hereinafter prescribed, duly filled out and signed. The certificate and the employment ticket shall be separately printed, and shall be in the following forms respectively, and the blanks therein shall be filled out and signed as indicated by the words in brackets:—

#### EMPLOYMENT TICKET, LAW OF 1888.

When [name of child], height [feet and inches], complexion [fair or dark], hair [color], presents a certificate duly signed, I intend to employ [him or her]. [Signature of intending employer or agent.]  
[Town or city and state.]

#### AGE AND SCHOOLING CERTIFICATE, LAW OF 1888.

This certifies that I am the [father, mother or guardian] of [name of child], and that [he or she] was born at [name of town or city], in the

county of [name of county, if known], and state [or country] of [name], on the [day and year of birth], and is now [number of years and months] old. [Signature of father, mother or guardian].

[Town or city and date.]

Then personally appeared before me the above named [name of person signing] and made oath that the foregoing certificate by [him or her] signed, is true to the best of [his or her] knowledge and belief. I hereby approve the foregoing certificate of [name of child], height [feet and inches], complexion [fair or dark], hair [color], having no sufficient reason to doubt that [he or she] is of the age therein certified.

[Signature of person authorized to sign, with official character or authority.]

[Town or city and date.]

In case the age of the child is under fourteen, the certificate shall continue as follows, after the word "certified" : And I hereby certify that [he or she] can read at sight, and can write legibly, simple sentences in the English language, and that [he or she] has attended the [name] public [or private] day school according to law for [number of weeks, which must be at least twenty] weeks during the year next preceding this date, and that the last twenty weeks of such attendance began [date]. This certificate expires [date, one year later than above date].

[Signature of the person authorized to sign, with official character or authority.]

If attendance has been at a private school, also signature of a teacher of such school, followed by words,—certifying to school attendance.

[Town or city and date.]

In case a child cannot read and write as above stated, the following may be substituted for the clause beginning "and I hereby certify" through to and including the word "language" : "and I hereby certify that [he or she] is a regular attendant at the [name] public evening school" ; but in such case the certificate shall only continue in force for as long a time as attendance of such child at such evening school is endorsed weekly during the session of such evening school, not exceeding the length of the public school year minus twenty weeks in place of attendance at day school as now provided by law, with a statement from a teacher thereof certifying that his attendance continues regular. If attendance has been at a half-time school, forty weeks of such attendance must be certified to instead of twenty. The foregoing certificate



must be filled out in duplicate, and one copy thereof shall be kept on file by the school committee. Any explanatory matter may be printed with such certificate in the discretion of the school committee or superintendent of schools.

SECT. 5. In cities and towns having a superintendent of schools, said certificate shall be signed only by such superintendent, or by some person authorized by him in writing ; in other cities and towns it shall be signed by some member or members of the school committee authorized by vote thereof : *provided, however*, that no member of a school committee, or other person authorized as aforesaid, shall have authority to sign such certificate for any child then in, or about to enter, his own employment, or the employment of a firm of which he is a member or of a corporation of which he is an officer or employee. The person signing the certificate shall have authority to administer the oath provided for therein, but no fee shall be charged therefor ; such oath may also be administered by any justice of the peace.

SECT. 6. The certificate as to the birthplace and age of a child shall be signed by his father if living and a resident of the same city or town ; if not, by his mother ; or if his mother is not living, or if living is not a resident of the same city or town, by his guardian ; if a child has no father, mother or guardian living in the same city or town, his own signature to the certificate may be accepted by the person authorized to approve the same.

SECT. 7. No child who has been continuously a resident of a city or town since reaching the age of thirteen years shall be entitled to receive a certificate that he has reached the age of fourteen unless or until he has attended school according to law in such city or town for at least twenty weeks since reaching the age of thirteen, unless exempted by law from such attendance. Before signing the approval of the certificate of age of a child, the person authorized to sign the same shall refer to the last school census taken under the provisions of section three of chapter forty-six of the Public Statutes, and if the name of such child is found thereon, and there is a material difference between his age as given therein and as given by his parent or guardian in the certificate, allowing for lapse of time, or if such child plainly appears to be of materially less age than that so given, then such certificate shall not be signed until a copy of the certificate of birth or of baptism of such child, or a copy of the register of its birth with a town or city clerk, has been produced, or other satisfactory evidence furnished that such child is of the age stated in the certificate.

SECT. 8. The truant officers may, when so authorized and required by vote of the school committee, visit the factories, workshops and mercantile establishments in their several cities and towns, and ascertain whether any children under the age of fourteen are employed therein contrary to the provisions of this act, and they shall report any cases of such illegal employment to the school committee and to the chief of the district police or the inspector of factories for the district. The inspectors of factories, and the truant officers when authorized as aforesaid, may demand the names of all children under sixteen years of age employed in such factories, workshops and mercantile establishments, and may require that the certificates and lists of such children provided for in this act shall be produced for their inspection. Such truant officers shall inquire into the employment, otherwise than in such factories, workshops and mercantile establishments, of children under the age of fourteen years, during the hours when the public schools are in session, and may require that the aforesaid certificates of all children under sixteen shall be produced for their inspection; and any such officer, or any inspector of factories, may bring a prosecution against a person or corporation employing any such child, otherwise than as aforesaid, during the hours when the public schools are in session, contrary to the provisions of this act, if such employment still continues one week after written notice from such officer or inspector that such prosecution will be brought, or if more than one such written notice, whether relating to the same child or to any other child, has been given to such employer by a truant officer or inspector of factories at any time within one year.

SECT. 9. Every parent or guardian of a child under fourteen years of age who permits any employment of such child contrary to the provisions of this act, and every owner, superintendent or overseer of any factory, workshop or mercantile establishment who employs or permits to be employed therein any child contrary to the provisions of this act, and any other person who employs any child contrary to the provisions of this act, shall for every such offence forfeit not less than twenty nor more than fifty dollars for the use of the public schools of the city or town. Every parent, guardian, or person authorized to sign the certificate prescribed by section four of this act, who certifies to any materially false statement therein, shall be punished by fine not exceeding fifty dollars, or by imprisonment not exceeding thirty days, or by both such fine and imprisonment. A failure to produce to a truant of-



ficer or inspector of factories the certificate required by the provisions of this act shall be prima facie evidence of the illegal employment of the child whose certificate is not produced.

SECT. 10. The expressions "factory" and "workshop" used in this act shall have the meanings defined for them respectively by chapter one hundred and three of the acts of the year one thousand eight hundred and eighty-seven.

SECT. 11. Within one month of the passage of this act the chief of the district police shall cause a printed copy thereof to be transmitted to the school committee of every city and town in the Commonwealth.

SECT. 12. Sections one to six, inclusive, of chapter forty-eight of the Public Statutes, chapter two hundred and twenty-four of the acts of the year eighteen hundred and eighty-three, chapter two hundred and twenty-two of the acts of the year eighteen hundred and eighty-five, and section one of chapter four hundred and thirty-three of the acts of the year eighteen hundred and eighty-seven are hereby repealed.

SECT. 13. This act shall take effect on the first day of July in the year one thousand eight hundred and eighty-eight. [*Approved May 17, 1888.*]

For some time the schools have been conducted on the no recess system, long enough for parents to be familiar with its results.

From all that we can learn, it is in the main satisfactory, yet it is true that there has been some little complaint in regard to it.

We should be glad to hear from all those parents who think the plan a bad one in any respect, and if it shall seem that modifications of it are needed and will be salutary, we shall feel it to be our duty to make such changes as will make it acceptable.

#### RESPECTS IN WHICH OUR SCHOOLS MAY BE IMPROVED.

In penmanship the committee desire to see more improvement in the next year. Time enough is given to the subject, but more special instruction seems to be demanded.

In order to attain satisfactory results, class drill is needed, with persistent repetition on the elements.

Every teacher can and ought to do a great deal of this work in order that the elementary forms may become so fixed in the child's mind that the hand will move without any conscious effort in the right way to make the letters.

In this way writing becomes an *acquired* habit, and poor writing will be impossible.

More attention should be given to physical culture in connection with our schools. A regular system of instruction is needed, with appropriate exercises, so that a healthful condition of the body may be maintained, and a proper muscular training may be given.

In most of the towns about us, the older pupils have instruction in military drill and in calisthenics, as a part of the regular work of the schools.

Has not the time arrived for something of the kind in connection with our school system ?

This question is recommended to the serious consideration of our citizens, with the assurance that we shall be glad to carry out their wishes in the matter.

Is it not also time to consider the wisdom of making some attempt at introducing some of the simpler kinds of hand-work into our school system ? Many of the towns and cities of our state already make provision for regular instruction in sewing, and in the elements of carpentry, for those pupils old enough to take these subjects with advantage.

They have found such instruction of advantage, not only as giving useful training, but as an aid to the regular work, claiming that by this means certain faculties that ordinary instruction fails to reach are developed and made stronger.

None of these things can be had without the money to pay for instruction and materials.

The committee are ready and willing to undertake the introduction of any or all these subjects, whenever they have an appropriation that will warrant it, but they are fixed in the purpose to keep the expenditures within the amount appropriated by the town.

It must be constantly borne in mind that the whole work of the schools is but a training in the formation of good or bad habits, physical, mental and moral.

There can be nothing neutral here, the training must be good or bad.

The pupils acquire the habit of attention or inattention, of order or disorder, of neatness or carelessness, of being thoughtful or thoughtless, of self-control or the opposite, of humanity or brutality, of refinement or coarseness in thought and action.

They are laying the foundations of noble character, or of weak, selfish, undisciplined, irresponsible manhood and womanhood.

They are overcoming inherited tendencies to evil, or are obstructing the influence of inherited good.

It is in this field that the teacher works, and it is a work of the deepest and most important character. It is a work not to be entered upon as one decides to learn a trade or go to work in a store, but it demands the consecration and devotion to duty of the highest and noblest of callings.

It should never be a mere wage-earning occupation, and those who are engaged in it only as a matter of business, must fail of the highest success. So must all those who measure their results chiefly by the accumulation of facts in the minds of their pupils, or by their per cent. in the examinations.

The good teacher makes the school a pleasant place, because she is pleasant in looks, in manners, in speech and in disposition.

She makes it a pleasant place because she is continually thinking of the good, and happiness of her pupils, and devising means to develop the former and to increase the latter.

She doesn't need to tell her pupils this; they know it as the flower knows the sun and turns to it for light and warmth.

She doesn't irritate the pupils by being irritable and out of sorts, and consequently nearly all the days are sunny.

She does not make the pupils feel that her work is a burden, and that she would far rather be in other society.

She doesn't snub them because they are children, nor does she try to make them feel that they are not as good as "grown up folks," for *she* doesn't feel that way.

There is a warm place in her heart for every one of them, and especially for those to whom the hearts of others perhaps may have grown cold.

Such a teacher will never make any pupil feel that she has a dislike to him and thus lose all influence for good over him, but she will make him feel his own mistakes and follies.

She will bear in mind the fact that many a rogue has a sensitive, tender heart, that harsh sarcasm pierces as with a knife and makes a wound that may never heal.

She will be extremely careful in making accusations of wrong-doing or wrong-speaking in cases about which there is any room for doubt, knowing that there is nothing that so rankles in a child's heart, as a sense of injustice, and of unfair treatment.

The good teacher will ever be on the alert to seize on new methods of teaching, and fresh illustrations; her enthusiasm for her work will be a perennial spring, always bubbling up in a clear and steady stream, not subject to temporary stagnation, nor sluggish in its flow.

The good teacher always remembers that "true education is the formation of character; and character is the outcome of habits so firmly fixed that they have become second nature," that such habits are built up by persistent and patient effort, and most effectually by the subtle, pervading influence of a true and noble example.

Is the standard here set for the teacher too high? We think not; and we may consider our town fortunate that so many of our teachers have earnestly strived to reach it. Let them feel that their efforts and their labors are appreciated.

Let us give them the encouraging word and the helping hand, and by our words and deeds make them feel that we believe that their work is second to none in importance, or in its far-reaching influences.

The usual statistics of the schools are herewith submitted as a part of this report.

J. O. NORRIS, *Chairman*,  
S. W. BRADBURY, *Secretary*,  
C. F. LORING,  
A. B. P. WATERHOUSE,  
JOHN C. MAKER,  
A. K. MILLER,

*School Committee.*

*Aien Aristevin.*GRADUATING EXERCISES,  
MELROSE HIGH SCHOOL,

TOWN HALL, THURSDAY EVENING, JUNE 28,

Commencing 7.45.

## PROGRAMME.

## PART I.

CHORUS, "Song of the Vikings."

SALUTATORY ESSAY, New England Authors at Home.

HATTIE D. FIELD.

RECITATION, "The Maiden Martyr."

MINNIE E. BACKER.

CLASS CHRONICLES.

WALTER HENRY NORRIS.

BARITONE SOLO, "La Patria," . . . . . *Mattei*

EDWARD P. FAY PHILLIPS.

ESSAY, Woman's Opportunity,

BLANCHE S. JACOBS.

DECLAMATION, "Roscoe Conkling," . . . . . *Ingersoll*

ALBERT M. FRENCH.

GREEK ESSAY, Helen at the Scaean Gate.

SARAH E. MORSE.

## PART II.

CHORUS, "The Vesper Bells," . . . . . *J. Eichberg*

AWARDING THE PRIZES OF THE FRANKLIN FRATERNITY.

CLASS PROPHECY.

ERNEST W. EMERY.

ESSAY, An Unsolved Problem.

FRITZ H. SMALL.

RECITATION, "The Three Lovers," . . . . . *Will Carleton*

E. ANNIE WHELDEN.

ESSAY AND VALEDICTORY, Some Scraps of Greek Literature.

EDWARD P. FAY PHILLIPS.

AWARDING OF DIPLOMAS.

PARTING SONG. . . . . *Tufts*

## NAMES OF GRADUATES.

L. MINNIE E. BACKER.

L. ARUHUR L. HALE.

L. MARY BERTHA CORSON.

L. FRANK B. HOLMES.

L. LILLIAN S. CROCKER.

P. HENRY V. JAMIESON.

L. HATTIE D. FIELD.

L. JOHN J. KEATING.

P. EDITH G. HOCKING.

E. GEORGE H. KITCHING.

L. BLANCHE S. JACOBS.

L. CHARLES H. LERNED.

C. SARAH E. MORSE.

E. MELDON A. MERRILL.

L. E. ANNIE WHELDEN.

L. ALFRED E. NORRIS.

C. ERNEST W. EMERY.

E. WALTER HENRY NORRIS.

L. ALBERT M. FRENCH.

E. FRANK M. ORCUTT.

C. WALTER S. GIBBONS.

C. EDWARD P. FAY PHILLIPS.

C. FRITZ H. SMALL.

E. English Course. L. Latin Course. C. College Course. P. Partial Course.

## HIGH SCHOOL STATISTICS.

## PARTS FOR GRADUATION.

*Selected for Best Scholarship.*—Edward P. Fay Phillips, Hattie D. Field, Blanche S. Jacobs, Fritz H. Small.

*Selected for Excellence in Composition.*—Sarah E. Morse.

*Selected by the Teachers.*—Meldon A. Merrill, E. Annie Whelden, Albee M. French.

*Selected by the Class.*—Minnie E. Backer, Walter Henry Norris, Ernest W. Emery.

Honorable mention of the following scholars is made for excellence in literature and mathematics:—

*First Class.*

## LITERATURE.

Hattie D. Field  
Sarah E. Morse  
Fritz H. Small  
Ernest W. Emery  
Meldon A. Merrill  
Edward P. Fay Phillips  
Blanche S. Jacobs

## MATHEMATICS.

Frank B. Holmes  
Fritz H. Small  
John J. Keating  
Walter H. Norris  
Alfred E. Norris

*Second Class.*

Isadora C. Barrett  
Ambrose C. Dearborn  
Marion E. Bradbury  
Helen L. Burr  
Julian C. Woodman  
Fred L. Hoffman  
Lillian K. Morse

Isadora C. Barrett  
Alice L. White  
Edward S. Page  
Helen L. Burr  
Julian C. Woodman  
Harry Vinton

*Third Class.*

Grace L. Albee  
Grace B. Carr  
Fred H. Hodge  
Eva W. Guild  
Edward A. Tucker  
Grace L. Bradbury

Melliss H. McKoy  
J. Edward McCullough  
Herbert M. Cox  
Fred H. Hodge  
Edward A. Tucker



*Fourth Class.*

## LITERATURE.

Sara C. Bryant  
Maud L. Sanford  
Mary L. Loring  
Sarah M. Fisher  
Emma J. Norris

## MATHEMATICS.

Alice M. Burr  
George G. Norris  
Etta M. Taylor  
Sadie M. Lane  
Lottie H. Waitt  
Sarah J. Twitchell

## FRANKLIN FRATERNITY PRIZES.

Subjects for prizes in literature were chosen by the teachers as follows:—

Chaucer, The Prologue, First Class.

Merchant of Venice, Second Class.

Snow Bound, Third Class.

Elizabethan Period, Fourth Class.

Each scholar to choose from the above subjects and not to be limited to the author named for a particular class.

Prizes were awarded Thursday evening, June 28, 1888, as follows:—

Special prize in literature to Sarah E. Morse.

First prize to Edward P. Fay Phillips.

Second prize to Grace L. Bradbury.

Special prize in Geometry to Fritz H. Small.

First prize in Geometry, Isadora Barrett.

First prize in Algebra, Maud S. Sanford.

Honorable mention, Alfred E. Norris, Harry Vinton.



## GRADUATES OF FIRST GRAMMAR SCHOOL,

*June 28, 1888.*

Emma F. Anderson  
Bessie L. Atwood  
Rebecca L. Atwood  
Maud F. Barrett  
Walter Barrett  
Inez E. Batchelder  
Ralph Bradbury  
Roger W. Campbell  
Ernest L. Carr  
Marie H. Cass  
Lula Cilley  
Emma I. Coburn  
William L. Cochran  
Sarah Conant  
Grace E. Cook  
Walter E. Curry  
Albert E. Day  
Edith S. Dermot  
John A. Duffey  
Orville H. Dow  
Eugene F. Ehlert  
Mary G. Ellis  
Ella M. Fisher  
Susie M. Flint  
Addison K. Gilmore  
William T. Gordon  
Theodore A. Grant  
Walter D. Harding  
George H. Harmon  
Alice M. Harris  
Mary C. Hartshorne  
Hattie E. Hayes

George W. Hill  
Susie A. Holt  
Frank A. Hunt  
Edith B. Hunt  
Carl N. Jackson  
Edward H. Jeffery  
Philip S. Keating  
Anna M. Kitching  
Winslow L. Leighton  
Charles S. Loring  
Ethel J. MacLachlan  
Grace E. Marsh  
Alice K. Marshall  
Helen M. Marshall  
Arthur H. Merritt  
Isabelle H. Murray  
Harry R. Patten  
Annie F. Prescott  
James H. Raisbeck  
Ida M. Rink  
Effie L. Shapleigh  
Albert E. Small  
Clifford Sprunt  
Theodore E. Thayer  
Carrie N. Thompson  
Alice M. Tufts  
Frank Wentworth  
Elizabeth Whowell  
Herbert D. White  
Lily Wooldridge  
Alida C. Zappey

## FINANCIAL STATEMENT.

*Schools.*

|                                                           |             |             |
|-----------------------------------------------------------|-------------|-------------|
| Appropriation, . . . . .                                  | \$21,500 00 |             |
| Unexpended balance, 1887, . . . . .                       | 237 65      |             |
| Received from Commonwealth of<br>Massachusetts, . . . . . | 91 82       |             |
| Tuition of Children, . . . . .                            | 20 00       |             |
|                                                           | <hr/>       |             |
|                                                           |             | \$21,849 47 |

*Expended.*

|                                 |             |             |
|---------------------------------|-------------|-------------|
| Teachers' salaries, . . . . .   | \$17,657 50 |             |
| Janitors' " . . . . .           | 1,363 78    |             |
| Committee's salaries, . . . . . | 450 00      |             |
| Supply agent, salary, . . . . . | 125 04      |             |
| Fuel, . . . . .                 | 2,224 30    |             |
|                                 | <hr/>       |             |
|                                 |             | \$21,840 62 |
|                                 |             | <hr/>       |
| Balance unexpended, . . . . .   |             | \$8 85      |

*School Contingent.*

|                                     |            |            |
|-------------------------------------|------------|------------|
| Appropriation, . . . . .            | \$4,000 00 |            |
| Balance unexpended, 1887, . . . . . | 429 08     |            |
| Received for books, . . . . .       | 1 46       |            |
|                                     | <hr/>      |            |
|                                     |            | \$4,430 54 |

*Expended.*

|                                              |            |            |
|----------------------------------------------|------------|------------|
| Books, stationery, supplies, etc., . . . . . | \$1,713 07 |            |
| General repairs, . . . . .                   | 1,800 37   |            |
| Furniture, . . . . .                         | 52 48      |            |
| Printing, . . . . .                          | 65 40      |            |
| Sundries, . . . . .                          | 177 97     |            |
|                                              | <hr/>      |            |
|                                              |            | \$3,809 29 |
|                                              |            | <hr/>      |
| Balance unexpended, . . . . .                |            | \$621 25   |

## AGENT'S REPORT.

|                                                |          |
|------------------------------------------------|----------|
| Value of text books and supplies in stock Jan. |          |
| 1, 1888, . . . . .                             | \$399 47 |
| Value of text books and supplies purchased     |          |
| from Jan. 1, 1888 to Jan. 1, 1889, . . . .     | 1,526 25 |
| Value of text books and supplies issued to     |          |
| schools, from Jan. 1, 1888, to Jan. 1, 1889,   | 1,329 67 |
| Value of text books and supplies in hand of    |          |
| agent, Jan. 1, 1889, . . . . .                 | 596 05   |
| Received for books and slates lost or injured, | 1 46     |
| Paid to town treasurer, . . . . .              | 1 46     |

A. K. MILLER,  
*Supply Agent.*

## SCHOOL STATISTICS.

| SCHOOLS.                                                    | Maximum number,<br>Jan. 1 to July 1, | Av. attendance, Jan. 1<br>to July 1. | Maximum number,<br>Sept. 1 to Dec. 31. | Av. attendance, Sept.<br>1 to Dec. 31. | Number of pupils<br>Jan. 1, 1889. | Per cent of attendance<br>for the year. | Average age,<br>Dec. 31, 1888. |      |
|-------------------------------------------------------------|--------------------------------------|--------------------------------------|----------------------------------------|----------------------------------------|-----------------------------------|-----------------------------------------|--------------------------------|------|
|                                                             |                                      |                                      |                                        |                                        |                                   |                                         | Yrs.                           | Mos. |
| HIGH, First class.....                                      | 23                                   | 22.5                                 | 19                                     | 18.3                                   | 18                                | 97.4                                    | 17                             | 5    |
| Second class.....                                           | 16                                   | 15.5                                 | 17                                     | 16.7                                   | 17                                | 97.3                                    | 16                             | 5    |
| Third class.....                                            | 23                                   | 22                                   | 43                                     | 42                                     | 43                                | 96                                      | 16                             | 5    |
| Fourth class.....                                           | 48                                   | 46.5                                 | 53                                     | 47.2                                   | 51                                | 93                                      | 15                             | 6    |
| Totals.....                                                 | 110                                  | 106.6                                | 132                                    | 124.2                                  | 129                               |                                         |                                |      |
| 8th grade, Miss Fairbanks }<br>and<br>Miss Sweetser. }..... | 98                                   | 83                                   | 98                                     | 92                                     | 95                                | 94                                      | 14                             | 3    |
| 7th grade, Miss French.....                                 | 46                                   | 37                                   | 45                                     | 38.5                                   | 45                                | 91                                      | 13                             | 2    |
| 7th " " Sweett.....                                         | 47                                   | 38                                   | 45                                     | 41                                     | 44                                | 95                                      | 13                             | 4    |
| 7th " " Mendum }.....                                       | 41                                   | 32                                   | 47                                     | 42                                     | 43                                | 96                                      | 13                             | 0    |
| 6th " " Melcher.....                                        | 44                                   | 40                                   | 46                                     | 41                                     | 46                                | 90                                      | 12                             | 4    |
| 6th " " Barrett.....                                        | 57                                   | 50                                   | 54                                     | 50                                     | 55                                | 95                                      | 12                             | 5    |
| 5th " " George.....                                         | 39                                   | 36                                   | 55                                     | 52                                     | 54                                | 94                                      | ...                            | ...  |
| 5th " Mrs. Bascom.....                                      | 52                                   | 45                                   | 56                                     | 49                                     | 56                                | 94                                      | 11                             | 6    |
| 5th and 4th grade, Miss Mitchel.....                        | 59                                   | 46.5                                 | 66                                     | 53.5                                   | 61                                | 92.3                                    | 11                             | 6    |
| 4th and 3rd " " Davis.....                                  | 57                                   | 46.3                                 | 60                                     | 55.2                                   | 60                                | 86                                      | 9                              | ...  |
| " " " " Guptill.....                                        | 51                                   | 43                                   | 58                                     | 50                                     | 54                                | 90.8                                    | 10                             | 6    |
| " " " " Ellis.....                                          | 30                                   | 22.4                                 | 26                                     | 20.3                                   | 22                                | 86.3                                    | 10                             | 2    |
| " " " " Long.....                                           | 53                                   | 46.4                                 | 54                                     | 47.5                                   | 50                                | 93                                      | 9                              | 7    |
| " " " " Weeks.....                                          | 24                                   | 20                                   | 32                                     | 28.6                                   | 33                                | 93.1                                    | 10                             | 2    |
| 3rd and 2d " " Plummer.....                                 | 58                                   | 42                                   | 53                                     | 44                                     | 54                                | 88.3                                    | 8                              | 5    |
| 2d " " Mrs. Dermot.....                                     | 43                                   | 38                                   | 40                                     | 37                                     | 42                                | 94.2                                    | 8                              | ...  |
| 2d and 1st " Miss Chapin.....                               | 70                                   | 51.2                                 | 59                                     | 49.3                                   | 56                                | 78                                      | 6                              | 7    |
| " " " Mrs. Crosby.....                                      | 62                                   | 41.6                                 | 56                                     | 53                                     | 54                                | 90.3                                    | 6                              | 10   |
| " " " Miss Nye.....                                         | 39                                   | 26.8                                 | 21                                     | 17.8                                   | 20                                | 87.7                                    | 7                              | 3    |
| " " " Smith.....                                            | 41                                   | 28.3                                 | 38                                     | 32.1                                   | 35                                | 94.7                                    | 6                              | 9    |
| 1st " " Randlett.....                                       | 67                                   | 40                                   | 45                                     | 31                                     | 40                                | 80.2                                    | 6                              | 2    |
| " " " Ransom.....                                           | 41                                   | 32.8                                 | 38                                     | 31.3                                   | 36                                | 84.5                                    | 6                              | 2    |
| MIXED SCHOOLS.                                              |                                      |                                      |                                        |                                        |                                   |                                         |                                |      |
| Upham street, Miss Chadbourne.....                          | 52                                   | 25.5                                 | 53                                     | 50                                     | 50                                | 79.9                                    | 7                              | 9    |
| Ripley, Miss Morgan.....                                    | 33                                   | 25.2                                 | 43                                     | 36.8                                   | 44                                | 84.2                                    | ...                            | ...  |
| Green street, Miss Perry.....                               |                                      |                                      | 44                                     | 33.5                                   | 39                                | 81.5                                    | 8                              | 11   |
| Totals.....                                                 | 1314                                 | 1043.6                               | 1364                                   | 1200.6                                 | 1317                              |                                         |                                |      |

|                                 |              |   |   |       |
|---------------------------------|--------------|---|---|-------|
| Total number of pupils enrolled | Jan. 1, 1886 | . | . | 1,098 |
| " " " " "                       | Jan. 1, 1887 | . | . | 1,151 |
| " " " " "                       | Jan. 1, 1888 | . | . | 1,251 |
| " " " " "                       | Jan. 1, 1889 | . | . | 1,317 |

|                 |      |      |   |   |   |   |     |
|-----------------|------|------|---|---|---|---|-----|
| Increase during | 1886 | .    | . | . | . | . | 53  |
| "               | "    | 1887 | . | . | . | . | 100 |
| "               | "    | 1888 | . | . | . | . | 66  |

## SALARIES OF TEACHERS.

| NAMES.                    | SCHOOLS.                                 | SALARIES |
|---------------------------|------------------------------------------|----------|
| Alonzo G. Whitman .....   | High, Principal.....                     | \$2,000  |
| Clarimond Mansfield ..... | High, Assistant .....                    | 625      |
| Hattie G. Ricker .....    | High, Assistant.....                     | 625      |
| A. A. Ballou .....        | High, Assistant.....                     | 800      |
| Harriet C. Fairbanks..... | Eighth grade, Principal .....            | 1,000    |
| Effie C. Sweetser .....   | Eighth grade, Assistant.....             | 550      |
| M. W. French.....         | Seventh grade, Emerson St.....           | 550      |
| Alice M. Swett .....      | Seventh grade, Emerson St.....           | 600      |
| Lydia Mendum.....         | Seventh and sixth grades, Franklin ..... | 550      |
| Susan D. Melcher.....     | Sixth grade, Centre.....                 | 550      |
| Helen J. Barrett .....    | Sixth grade, Grove St. ....              | 550      |
| Mary J. George.....       | Fifth grade, Centre.....                 | 500      |
| Kate W. Bascomb.....      | Fifth grade, Grove St.....               | 500      |
| Belle Milchel .....       | Fifth and fourth grades, Franklin .....  | 500      |
| Lillie J. Davis .....     | Fourth and third grades, Centre .....    | 500      |
| Alma J. Guptil.....       | Fourth and third grades, Grove St.....   | 500      |
| Florence Ellis .....      | Fourth and third grades, Lynde St. ....  | 500      |
| Alice H. Long.....        | Fourth and third grades, Vinton St.....  | 500      |
| Emma A. Weeks .....       | Fourth and third grades, Converse.....   | 450      |
| Mary A. Plummer .....     | Third and second grades, Franklin.....   | 450      |
| Lucy F. Dermot .....      | Second grade, Vinton St.....             | 500      |
| Isabel Chapin.....        | Second and first grades, Centre.....     | 500      |
| Della H. Crosby .....     | Second and first grades, Grove St. ....  | 500      |
| Mary E. Nye .....         | Second and first grades, Lynde St.....   | 450      |
| Gertrude Smith.....       | Second and first grades, Converse.....   | 450      |
| Emma L. Randlett .....    | First grade, Franklin.....               | 500      |
| Annie M. Ransom .....     | First grade, Vinton St.....              | 450      |
| Annie Chadbourne .....    | Mixed school, Upham St. ....             | 450      |
| Marion H. Morgan .....    | Mixed school, Ripley.....                | 450      |
| Florence M. Perry.....    | Mixed school, Green St.....              | 450      |
| Harry Benson .....        | Music .....                              | 350      |
| Wallace Bryant.....       | Drawing.....                             | 225      |
| Total .....               |                                          | \$18,075 |

## JANITORS.

| NAMES.                | SCHOOLS.                          | SALARIES |
|-----------------------|-----------------------------------|----------|
| J. W. Boyce .....     | High school .....                 | \$324    |
| Felix Blanchard ..... | Centre, Grove St., Vinton St..... | 525      |
| C. H. Fuller .....    | Franklin, Green St.....           | 235      |
| W. F. Serrat .....    | Lynde St.....                     | 100      |
| Joseph Emerson.....   | Converse school.....              | 100      |
| Eri Upham .....       | Upham .....                       | 60       |
| John Davis .....      | Ripley .....                      | 60       |
| Total .....           |                                   | \$1,404  |

# WARRANT.

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*To either of the Constables of the Town of Melrose, in the  
County of Middlesex :* GREETING.

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the Inhabitants of the Town of MELROSE, qualified to vote in elections and Town affairs, to meet at the TOWN HALL, on MONDAY, the fourth day of March, A. D. 1889, at 7 o'clock, A. M., then and there to act on the following articles, viz. :

ARTICLE 1. To choose a Moderator.

2. To see if the Town will accept the provisions of Chapter 255 of the Statutes of 1878, in relation to the election of a Board of Selectmen consisting of three members, who shall be elected as follows : one for one year, one for two years, one for three years, on petition of M. S. Page and others.

3. To see if the Town will accept the provisions of Chapter 255 of the Statutes of the year 1878, in relation to the election of a Board of Assessors consisting of three members, who shall be elected as follows : one for one year, one for two years, one for three years, on petition of M. S. Page and others.

4. To see if the Town will accept the provisions of Chapter 158 of the Acts of the year 1871, in relation to the election of a Board of Road Commissioners, on petition of Wingate P. Sargent and others.

5. To bring in their votes on one ballot for Selectmen, Overseers of Poor, Town Clerk, Town Treasurer, Collector of Taxes, Assessors, Highway Surveyors or Road Commissioners, as the Town may decide, two Water Commissioners, one for two years and one for three years, Water Loan Sinking Fund Commissioner for three years, Park Commissioner for three years, three Auditors, two School Committee for three years, Library Trustees and Constables.

Upon a separate ballot to bring in their votes in answer to the question, "Shall licenses be granted for the sale of intoxicating liquors in this town ?" Form and size of ballots to be as prescribed in Chapter 49, Acts of 1886.

6. To choose all other necessary Town Officers.
7. To authorize the Town Treasurer to borrow money for the purpose of meeting the demands of the Town, with the approval of the Selectmen.
8. To raise money for Schools.
9. To raise money for School Contingent Expenses.
10. To raise money for Highways.
11. To raise money for Sidewalks.
12. To raise money for Crossings and Gutters.
13. To raise money for the Support of the Poor.
14. To raise money for the Fire Department.
15. To raise money for lighting and care of Street Lights.
16. To raise money for additional Street Lamps.
17. To raise money for Police and Watchmen.
18. To raise money for Contingent Expenses.
19. To raise money to pay Interest on the Town Debt.
20. To raise money for the Reduction of the Town Debt.
21. To raise money for the Public Library.
22. To raise money to defray the expenses of the Board of Health.
23. To raise money for the use of Water, in hydrants, public buildings, etc.
24. To raise money for Salaries of Town Officers, and to fix the compensation of all officers and committees elected or appointed by the Town.
25. To raise money for Drainage, Bridges and Culverts.
26. To raise money for the purposes for which the Treasurer has been authorized to borrow and the Selectmen to expend during the past year, and for any other necessary expenses for the ensuing year.
27. To determine the method by which the taxes for the year shall be collected.
28. To authorize the Town Treasurer to issue Water Fund Bonds for the purpose of paying the cost of construction for the ensuing year.
29. To see if the Town will raise the sum of \$200 for keeping in repair and decorating the graves of Soldiers on Memorial Day.
30. To see if the Town will raise money to grade and improve the "Soldiers' Lot" in Wyoming Cemetery, as set apart by the Selectmen.
31. To see if the Town will appropriate the sum of \$400



to improve the Town Common, on petition of William N. Folsom and others.

32. To see if the Town will remove a ledge on Upham street, near the schoolhouse, and appropriate money for the same.

33. To see if the Town will pay the Fire Department the sum of \$50 each, per annum, on petition of J. H. Edwards and other members of the Department.

34. To see if the Town will refund to the Boston Rubber Shoe Company the sum of sixty dollars and eighty cents, the same being amount of taxes improperly assessed upon personal property belonging to said company in the years 1886 and 1887.

35. To see if the Town will build a sidewalk on Otis street, and appropriate money for the same, on petition of B. L. J. Grady and others.

36. To see if the Town will change the names of the following streets, viz: First street to Sprague street, Second street to Barrett street, and third street to Boardman street, on petition of the Melrose Improvement Society and others.

37. To see if the Town will print the Town Records, from its incorporation, including the Births, Marriages and Deaths recorded in the Clerk's Office, by request of the New England Historic Genealogical Society.

38. To see if the Town will raise money to remove the ledge on Vinton street, opposite the estate of S. E. Sewall, and otherwise improve said street, northerly.

39. To see if the Town will accept the following streets, as laid out by the Selectmen, viz:

1. An extension from Mount Vernon street, easterly.

2. Street running from Wyoming avenue southerly to the proposed extension of Mount Vernon street.

3. Summer street as re-located, widened and also extended from its junction with Lynde street to Linwood avenue.

4. Street running southerly from Upham street to First street, now known as "Eleventh street."

5. An extension of First street, easterly.

6. Street running from First street to Grove street, now known as "Sixth street."

7. Street running from Upham street to First street, now known as "Eighth street."

8. An extension of Bellevue avenue, northerly from Porter street to Linden street.

9. Street running from the extension of Bellevue avenue to Porter street, now known as Batchelder street.

10. Street running from Main street to the northerly end of Crystal Lake, thence to Melrose street, now known as Crystal street.

11. Street running from Franklin street, northerly to Greenwood street.

12. Street running from Woodland street, westerly to West Hill avenue (so called) now known as Botolph street.

13. Street running from Botolph street southerly to Franklin street, now known as West Hill avenue.

14. Street running from Sargent street westerly to Cliff street (so called) now known as Highland avenue.

15. Street running from Franklin street northerly to Highland avenue (so called) now known as Pratt street.

16. Street running from Franklin street northerly to Highland avenue (so called) now known as Cliff street.

17. Street running from Trenton street westerly, now known as Russell street.

18. Street running from Russell street, so called, to Wyoming avenue, now known as Wing street.

19. An extension of Charles street, northerly.

20. Street running from and returning to Vinton street, now known as High street.

21. Street running from Main street easterly, by the entrance to Wyoming Cemetery, known as Sylvan street, as widened and straightened.

ART. 40. To raise money for the building and grading of new streets which may be accepted at this meeting.

41. To hear and act upon the reports of committees, and for the transaction of any other business which may legally come before this meeting.

And you are directed to serve this Warrant by posting attested copies thereof at the Town Hall, each of the Post Offices and Depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the Warrant at the dwellings of legal voters before the day of meeting.

Hereof fail not, and made due return of this Warrant, with your doings thereon, to the Town Clerk, at the time and place of said meeting.

Given under our hands this nineteenth day of February, in the year one thousand eight hundred and eighty-nine.

|                     |                    |             |
|---------------------|--------------------|-------------|
| LEVI S. GOULD,      | } <i>Selectmen</i> |             |
| JOHN P. DEERING,    |                    | } <i>of</i> |
| CHARLES W. HIGGINS, |                    |             |

A true copy. Attest,

ANSEL B. PIERCE, Constable.

REPORTS  
OF THE  
TOWN OFFICERS OF MELROSE  
FOR THE  
FINANCIAL YEAR  
ENDING DECEMBER 31, 1889.

---

MELROSE :  
DUNTON & POTTER, PRINTERS.  
1890.



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# TOWN OFFICERS FOR 1889-90.

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## SELECTMEN AND HIGHWAY SURVEYORS.

LEVI S. GOULD, JOHN P. DEERING,  
CHARLES W. HIGGINS.

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## TOWN CLERK.

JOHN LARRABEE.

---

## TREASURER.

GEORGE NEWHALL.

## COLLECTOR.

PARKER MERRILL.

---

## ASSESSORS.

JOHN R. NORTON, CHARLES W. COOK,  
ALBON W. PARKER.

---

## WATER COMMISSIONERS.

WINGATE P. SARGENT, Chairman (resigned).  
WILBUR D. FISKE, Chairman, . . . . . Term expires 1892  
GEORGE L. MORSE, . . . . . " 1891  
WILLIAM H. MILLER (to fill vacancy) . . . . . " 1890

---

## COMMISSIONERS OF WATER LOAN SINKING FUND.

DANIEL RUSSELL, Chairman, . . . . . Term expires 1890  
ROYAL P. BARRY, . . . . . " 1891  
JOHN W. FARWELL, . . . . . " 1892

---

## SCHOOL COMMITTEE.

JOHN O. NORRIS, Chairman, . . . . . Term expires 1890  
MRS. SARAH W. BRADBURY, . . . . . " 1890  
JOHN C. MAKER, . . . . . " 1891  
MRS. ARETHUSA K. MILLER, . . . . . " 1891  
CHARLES F. LORING, . . . . . " 1892  
MRS. A. B. P. WATERHOUSE, . . . . . " 1892

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## TRUSTEES OF THE PUBLIC LIBRARY.

ELBRIDGE H. GOSS, CHARLES A. PATCH,  
CHARLES C. BARRY, MARY L. CHARLES,  
RUBY F. FARWELL.

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## AULITORS.

FRANK E. ORCUTT, WALTER I. NICKERSON,  
GILBERT N. HARRIS.

---

## OVERSEERS OF THE POOR.

HENRY G. FIELDS, Chairman, JOHN SINGER, JR.,  
MRS. MARTHA D. BALE.



## TOWN OFFICERS FOR 1889-90.

## PARK COMMISSIONERS.

|                             |              |      |
|-----------------------------|--------------|------|
| NATHANIEL P. JONES,         | Term expires | 1891 |
| WILLIAM N. FOLSOM,          | "            | 1890 |
| WARREN A. RODMAN (resigned) | "            | 1892 |

---

## CONSTABLES.

|                   |                      |
|-------------------|----------------------|
| ANSEL B. PIERCE,  | FRANK M. McLAUGHLIN, |
| HENRY B. NEWHALL. |                      |

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## REGISTRARS OF VOTERS.

|                            |                     |      |
|----------------------------|---------------------|------|
| ALFRED HOCKING, Chairman,  | Term expires May 1, | 1890 |
| WALTER BABB,               | "                   | 1892 |
| VICTOR C. KIRMES,          | "                   | 1891 |
| JOHN LARRABEE, Town Clerk. |                     |      |

---

## ENGINEERS OF THE FIRE DEPARTMENT.

|                         |                             |
|-------------------------|-----------------------------|
| A. WILBUR LYNDE, Chief. | WALTER B. ELLIS (resigned), |
| SAMUEL LEAR, Clerk.     | ALBON W. PARKER.            |

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MEASURER OF WOOD AND BARK, WEIGHER OF HAY AND COAL.  
 SETH E. BENSON.

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|                     |                   |
|---------------------|-------------------|
| SURVEYOR OF LUMBER. | POUND KEEPER.     |
| HENRY A. LEONARD.   | W. TRUMAN HOWARD. |

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## COMMITTEE ON CEMETERIES.

|                 |                 |
|-----------------|-----------------|
| GEORGE NEWHALL, | DANIEL RUSSELL, |
| JOHN LARRABEE.  |                 |

---

## FENCE VIEWERS.

|               |                    |
|---------------|--------------------|
| DEXTER PRATT, | WALTER C. STEVENS. |
|---------------|--------------------|

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## FIELD DRIVERS.

|                |                   |
|----------------|-------------------|
| OTIS HOWARD,   | HENRY B. NEWHALL, |
| FRANK GIBBONS, | W. TRUMAN HOWARD. |

---

## POLICE OFFICERS.

|                             |                   |
|-----------------------------|-------------------|
| FRANK M. McLAUGHLIN, Chief. |                   |
| HENRY B. NEWHALL,           | W. A. CASWELL,    |
| REDFORD M. RAND,            | A. WILBUR LYNDE,  |
| D. T. STOCKWELL,            | OSBORNE E. DROWN, |
| CHARLES F. W. FOGG,         | CHAS. H. FULLER,  |
| JEROME T. SMITH,            | HENRY BARRON,     |
| JAMES DAVIDSON,             | SAMUEL LEAR.      |

---

## FOREST FIRE WARDS.

|                   |                 |
|-------------------|-----------------|
| DEXTER PRATT,     | CALVIN LOCKE,   |
| CHASE C. WORTHEN, | JAMES MARSHALL, |
| HENRY BARRON.     |                 |

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## SEALER OF WEIGHTS AND MEASURES.

THOMAS T. BAILEY.

## REPORT OF THE SELECTMEN.

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*To the Inhabitants of Melrose:*

Your selectmen respectfully submit their report for the financial year ending Dec. 31, 1889:

### HIGHWAYS.

The general appropriation for repairs, etc., at the annual meeting, amounted to the sum of \$6,000. You also appropriated \$1,000 for the purpose of purchasing crushed stone, but at the adjourned meeting the selectmen were instructed to apply said sum to the general uses of the highways, rather than for special expenditure, as previously voted. At the November meeting you added \$500 more, making a sum total of \$7,500, for general repairs, irrespective of special appropriations for use on the following streets, etc., viz.: First, Third, Sixth, Eleventh, Highland, Russell, Adams, Sylvan, Batchelder and Bellevue avenue extension; also for removal of ledges, etc., on Upham and Vinton streets, and for the construction of a sidewalk on Upham street. These various special appropriations aggregate the sum of \$3,750, making a grand total of \$11,250, all of which will be found duly accounted for under appropriate headings in the financial statements hereto annexed. For economical distribution of labor and material, we have found it necessary in some cases to work one job in connection with

others, and thus various items are necessarily condensed in our statements, as it would be extremely difficult to designate, with any degree of accuracy, the exact spot whereon every load of gravel was dropped or every cent's worth of labor expended. Sylvan street, Batchelder street, the extension of Bellevue avenue and the Upham street sidewalk are instanced as examples where the labor and material on one was so interwoven with the other, or with general repairs, as to be almost inseparable. As the town thought wise at the annual meeting to direct the selectmen to suspend negotiations for the purchase of a stone crusher, as ordered at the previous meeting, we have been obliged to do without this very serviceable machine. Blue gravel has been heretofore obtained principally from the pit of the Boston and Maine Railroad, at Island Hill, Malden. This source has been recently cut off by the refusal of the corporation to allow the town further privileges. As stated in our report of last year, the question of obtaining suitable gravel for our highways is a very serious one and demands early attention. If the experiences of almost every town and city in our vicinity are to be considered of value, the purchase of a stone crushing outfit seems to offer the only practical solution of our increasing difficulties in road making and repairing. Following your instructions, we have applied the contract system to every item of sufficient importance, with excellent financial results, as far as the town is concerned.

In addition to the foregoing, the public should bear in mind that a vast amount of work is annually expended on a variety of items and taken from the highway fund, which cannot be readily detailed, such as the cleaning of catch basins, gutters, etc., the trimming of trees, fencing dangerous places and many other things which demand the attention of this board.

## STREETS REPORTED AND ACCEPTED.

Mount Vernon street, as extended; Brown street, Summer street, as widened, straightened and extended; First street, extended; Sixth street, Eighth street, Third street, extended; Bellevue avenue, extended; Batchelder street, Crystal street, Woodland avenue, Botolph street, West Hill avenue, Highland street, Pratt street, Cliff street, Russell street, Adams street, High street, Sylvan street, as widened; Grundy street, Walton Park and Sibley street, the latter when finished to the satisfaction of the selectmen.

## MAIN STREET WIDENING.

This great public improvement has been completed at a very moderate cost, and we think we voice the opinion of a very large number of our citizens, that the principal avenue of our town ought to be continued sixty feet in width to the Wakefield line. The County's share of the widening, as awarded by the commissioners, has been paid into the town treasury.

## LEDGES ON UPHAM AND VINTON STREETS.

These ledges have been removed within the amount of your appropriation, and Vinton street rebuilt, from Perkins to Orris street, in excellent shape, under contract with Mr. Philpot.

## DRAINAGE.

Following your instructions, we relaid the drains in Foster and Mount Vernon streets, both of which we are pleased to state are working perfectly.

## CEDAR PARK AND WOODLAND AVENUE DRAINS.

At the November meeting we were instructed to obtain the services of a competent engineer and construct a drain to relieve Cedar Park, for which \$1,000 was voted. By advice of the engineer, we have laid a pipe under the Boston and Maine railroad, connecting with the Essex street system, which has been remodelled and continued with a fifteen-inch pipe east of Myrtle street, through Upham street to Ell Pond brook. By bringing the drain in this direction we relieve Dix Pond of the surface water flowing from Essex street and the vicinity of Mr. Bartlett's stable, and giving an extra catch basin at the corner of Main and Upham streets, into which we propose to conduct the overflow of the stone watering trough, a source of great annoyance at present. By contracting this work in connection with the Woodland avenue drain, etc., for which \$500 was voted, we shall be enabled to complete both of these much-needed improvements at a very low figure, and we think to the perfect satisfaction of all concerned, although it is a matter of regret that the lateness of the season will prevent completion until spring opens. The pipe work was contracted for with Mr. W. B. Ellis, and the grading of Woodland avenue with Mr. John Duff, they being the lowest bidders.

## ELL AND SPOT POND BROOKS.

These brooks were carefully cleaned out this season. We think it would be wise for the town, at the annual meeting, to consider the question of widening and deepening the channels of these important streams, to the full limits established by the county commissioners.

## STREET LIGHTS.

The town is still served with electric light by the Malden Company, which furnishes twenty-six arc and forty incandescent lights, at a total annual cost of \$3,320. We believe that the time is not far distant when it will be a matter of economy for the town to furnish its own power and light all our streets with electricity. The Wheeler Reflector Company has furnished one hundred and fifty-one kerosene lamps at an expense of \$1,516.61. Total expense of street lighting, as shown elsewhere, \$4,838.40.

## POLICE.

With the additional appropriation voted by the town, we have reorganized the force substantially as outlined at the annual meeting, and as we think with improved efficiency. The duties of the various members of this department are thus defined:

The chief is to be on duty at the Town Hall from 1 P. M. until evening, having general control of the force at all times.

Officer O. E. Drown is on duty at Town Hall from 7 A. M. to 12 M.

Officer W. A. Caswell is on duty at Melrose depot from 7 to 11 P. M., and after that hour his beat is in the center of the town.

Officer Jerome T. Smith is at Wyoming and vicinity from 7 P. M. to 4 A. M.

Officer C. F. W. Fogg is at Melrose Highlands and vicinity from 7 P. M. to 4 A. M.

Chief McLaughlin is also probation officer.

For arrests made during the year we refer to the report of the chief of police herewith.



## MELROSE COMMON.

In conjunction with the Improvement Society, we have expended your appropriation of \$150 as directed. Every citizen should view their "breathing space" and note the change which has taken place through the efficient labors of Mr. Folsom and his public-spirited associates of the Improvement Society.

## FIRE DEPARTMENT.

Mr. Walter B. Ellis, after a long and faithful service as engineer, tendered his resignation, and Mr. Albon W. Parker was appointed to the vacancy. We are pleased to call attention to the excellent service rendered by officers and men during the past year, and while the department is composed of such material we have little to fear from the devouring element.

NORTH METROPOLITAN SEWERAGE SYSTEM FOR THE MYSTIC  
AND CHARLES RIVER VALLEYS.

At the legislative session of 1889 this subject was disposed of by the passage of an act which obliges the town to become a party to the system. Commissioners have been appointed by the governor and plans are being forwarded to commence work at an early day. The City of Malden has already taken action toward the laying of pipes, etc., and we think it would be well for the town to give the subject thorough consideration.

## BETTERMENT ACTS ACCEPTED.

At the November meeting the town accepted all betterment acts heretofore placed upon the statute books and applicable to towns.



## AUSTRALIAN BALLOT SYSTEM.

In accordance with your instructions and statute law, we caused to be constructed all booths, stands, etc., necessary to conduct this method of balloting. We are satisfied that the system in general is a decided success.

## TOWN HALL GAS BILL.

We desire to call your attention to the fact that during the year 1889 there was consumed in this building 374,900 cubic feet of gas, costing \$749.80. We think it would be wise to take some action looking to a decrease in the cost of lighting through the introduction of electricity.

## MALDEN ELECTRIC COMPANY.

During the year we have granted this company, under very strong restrictions, permits to erect quite a number of poles on the principal streets, that their wires might be taken from telephone poles and thus obtain very much improved telephonic communication.

## REVERE WATER COMPANY.

Late in the session of the Legislature of 1889, it became known to the members of this board that the above-named corporation was, as we believed, surreptitiously endeavoring to obtain the right to take water from Bennett's Pond, near the Saugus line. This scheme was thwarted by authorizing the chairman of the board to appear before the Legislative Committee and remonstrate in behalf of the citizens of the town. The bill was so amended as to prevent their entrance upon any portion of the territory of this town, and their operations are confined to the Town of Saugus.

## DAMAGES CLAIMED AND SUITS AGAINST THE TOWN.

During the past year the selectmen have settled for nominal sums the claims of Jennie G. Fox, Ella A. Locke and Nellie A. Locke. The claim of Noyes Ames, noted in our report of last year, for damages on Washington street, has been settled by the City of Malden, without expense to this town. The only suits now pending of which we as a board have any knowledge, is that of Justus Geist, for damages sustained during the great flood of 1886, F. A. H. Norcross, for alleged damages to horse, and A. V. Lynde, Esq., vs. the Water Boards of Malden, Melrose and Medford, aluded to last year.

## SUPERINTENDENT OF STREETS.

Your attention is called to the following act, passed by the Legislature of 1889. It will be observed that although the appointment of a superintendent is mandatory, the act does not prevent the election of the selectmen as surveyors of highways as heretofore. The superintendent must serve under their direction in any event, and is subject to all the duties and penalties imposed upon surveyors of highways.

## [CHAP. 98.]

## AN ACT TO PROVIDE FOR THE APPOINTMENT OF A SUPERINTENDENT OF STREETS IN TOWNS.

*Be it enacted, etc., as follows:*

SEC. 1. As soon after the annual town meeting as may be, the board of selectmen shall appoint some suitable person to be a superintendent of streets, who shall serve during the year and until his successor is appointed and qualified in his stead.

SEC. 2. Said superintendent of streets shall, under the

direction of the selectmen, have full charge of all repairs and labor required of towns upon streets, ways, bridges and sidewalks, and the care and preservation of shade trees, and in relation thereto shall have all the powers and be subject to all the duties, liabilities and penalties now or hereafter imposed upon surveyors of highways.

SEC. 3. In towns where no other provision is made, said superintendent of streets shall have full charge of all repairs required of towns upon sewers and drains, and in relation thereto shall have the same powers and be subject to the same duties, liabilities and penalties as are imposed upon said superintendent in section two of this act, in relation to the repairs of streets, ways, sidewalks and bridges.

SEC. 4. When in the judgment of the selectmen the best interests of the town so requires, said superintendent may be removed from his office by said board; and whenever a vacancy shall occur in the office of superintendent of streets, either by removal, resignation or otherwise, the board of selectmen shall appoint some suitable person to fill the vacancy, who shall hold his office until his successor is appointed and qualified in his stead.

SEC. 5. Said superintendent shall be sworn to the faithful discharge of his duties, and shall receive such compensation for his services as the board of selectmen or town may by vote determine.

SEC. 6. Any town which has accepted or shall hereafter accept the provisions of chapter one hundred and fifty-eight of the acts of the year eighteen hundred and seventy-one or of sections seventy-four, seventy-five, seventy-six and seventy-seven of chapter twenty-seven of the Public Statutes shall be exempt from the provisions of this act, until such acceptance is revoked by such town.

SEC. 7. All acts and parts of acts inconsistent herewith are hereby repealed.

SEC. 8. This act shall take effect in the several towns of this Commonwealth from and after the next annual meeting for the election of town officers which may be held subsequent to its passage. [*Approved March 11, 1889.*]

## RELIEF TO SOLDIERS AND SAILORS AND THEIR WIDOWS.

The attention of the town is also called to chapter 298 of the Acts of 1889, hereto appended, under which we have found it necessary to furnish assistance to certain soldiers who were entitled under provisions of said act. We respectfully request an appropriation to cover what may be necessary during the coming year.

## [CHAP. 298.]

AN ACT TO AUTHORIZE CITIES AND TOWNS TO FURNISH RELIEF TO SOLDIERS AND SAILORS AND THE WIDOWS OF SOLDIERS AND SAILORS WHO SERVED IN THE ARMY OR NAVY OF THE UNITED STATES DURING THE WAR OF THE REBELLION.

*Be it enacted, etc., as follows:*

SEC. 1. Whenever any person who served in the army or navy of the United States in the war of the rebellion, and received an honorable discharge therefrom, and who has a legal settlement in a city or town in this Commonwealth, becomes from any cause, except his own criminal or wilful misconduct, poor, and entirely or in part unable to provide maintenance for himself, or whenever such a person has died and left a widow without proper means of support, such person or his widow shall be supported wholly or in part, as may be necessary, by the city or town in which they or either of them have a legal settlement. Such relief shall be furnished at the home of the beneficiary, or at such other place in the Commonwealth, other than an almshouse, as the mayor and aldermen of such city or the selectmen of such town may deem right and proper.

SEC. 2. Cities and towns shall raise and appropriate money for the purpose of carrying out the provisions of this act.

SEC. 3. Chapter four hundred and thirty-eight of the acts of the year eighteen hundred and eighty-eight is hereby repealed.

SEC. 4. This act shall take effect upon its passage.  
[*Approved May 3, 1889.*]

#### BURIAL OF SOLDIERS AND SAILORS.

Under the provisions of chapter 395 of the acts of 1889, hereto appended, we have appointed Gilbert N. Harris as agent of the town to carry out the provisions of said act.

#### [CHAP. 395.]

AN ACT PROVIDING FOR THE BURIAL OF DECEASED INDIGENT OR FRIENDLESS SOLDIERS, SAILORS OR MARINES OF THE LATE WAR.

*Be it enacted, etc., as follows:*

SECT. 1. It shall be the duty of the mayor of each city and of the selectmen of each town of the Commonwealth to designate some suitable person or persons, who shall serve without compensation, and shall be other than the overseers of the poor or those employed by them, whose duty it shall be, under regulations established by the commissioners of state or military aid, to cause to be properly interred the body of any honorably discharged soldier, sailor or marine who served in the army or navy of the United States during the late war who may hereafter die in such city or town without leaving sufficient means to defray funeral expenses.

SECT. 2. The expense of such burial shall not exceed the sum of thirty-five dollars. Such burial shall not be made in any cemetery or burial ground used exclusively for the burial of the pauper dead or in that portion of any burial ground so used: and *provided*, that in case relatives of the deceased who are unable to bear the expense of burial desire to conduct the funeral they may be allowed to do so and the expense shall be paid as herein provided.

#### PERAMBULATIONS OF TOWN LINES.

In company with the selectmen of Wakefield, we have perambulated the lines between the two towns and found the boundary stones in good condition, as per our joint report spread upon the records of the town.

## BOARD OF HEALTH.

(J. P. DEERING, Chairman.)

For the year ending Dec. 31, 1889, there have been reported to the Board thirty-two cases of contagious diseases, classified as follows :

| MONTHS.        | Scarlet Fever. | Diphtheria. | Typhoid Fever. |
|----------------|----------------|-------------|----------------|
| January.....   |                | 1           |                |
| February ..... |                |             |                |
| March.....     | 1              | 3           | 1              |
| April.....     | 1              | 1           |                |
| May.....       | 1              |             | 2              |
| June.....      |                | 1           |                |
| July.....      | 3              |             | 1              |
| August.....    |                |             | 5              |
| September..... | 1              | 1           | 3              |
| October.....   |                |             | 1              |
| November.....  | 1              | 1           |                |
| December.....  | 2              | 1           |                |
|                | 10             | 9           | 13             |

Sixty-six cases were reported last year, showing a very large per centage of decrease the past year as compared with 1888, also a decrease of twenty-one cases as compared with 1887. We think this is due in part to the better sanitary regulations that have prevailed. Our citizens in general taking more interest in the matter, thereby aiding us in our endeavors to abate nuisances as soon as they appear. Early in the fall we adopted the plan used in the cities of this Commonwealth, of placing upon the premises where infectious diseases existed a card designating the particular disease, and requiring the same to remain posted until the attending physician notifies us that no further danger of contagion may exist. This we think, with the assistance rendered by the school committee, has been of advantage in preventing the spread of disease, more particularly among the children attending our public schools. Thirty-



four notices were served to owners regarding nuisances existing upon or about their premises. In one case only were we obliged to order premises vacated for want of proper sanitary conditions.

Officers McLaughlin and Drown were appointed as special agents of the Board; they have rendered very efficient service. One hundred and twenty-eight deaths have been registered during the year, of which number four persons were non-residents, making the total number of deaths in Melrose, 124, which includes five residents of Melrose who died elsewhere, and in previous years were not reported as now required by law.



## DISEASES OR CAUSES OF DEATHS.

|                                      |   |                                      |   |
|--------------------------------------|---|--------------------------------------|---|
| Disease of brain, . . . . .          | 2 | Pneumonia pleuro, . . . . .          | 1 |
| Phthisis, . . . . .                  | 3 | “ broncho, . . . . .                 | 1 |
| Phthisis pulmonalis, . . . . .       | 4 | Chronic catarrh, pneumo-             |   |
| Consumption, . . . . .               | 5 | nia and meningitis, . . . . .        | 1 |
| Miliary tuberculosis, . . . . .      | 2 | Membraneous croup, . . . . .         | 1 |
| Pleurisy, . . . . .                  | 1 | Whooping cough, . . . . .            | 1 |
| Tuberculosis of bowels, . . . . .    | 1 | Pericarditis, . . . . .              | 1 |
| Chronic bronchitis and ca-           |   | Enteriditis, . . . . .               | 1 |
| tarrhal pneumonia, . . . . .         | 1 | Peritonitis, . . . . .               | 2 |
| Tubercular meningitis, . . . . .     | 5 | Cerebral paralysis, . . . . .        | 3 |
| Debility and old age, . . . . .      | 1 | Paralysis . . . . .                  | 7 |
| Apoplexy, . . . . .                  | 2 | Nervous debility and old             |   |
| Cholera infantum, . . . . .          | 4 | age, . . . . .                       | 1 |
| Uræmia, . . . . .                    | 1 | Pertussis and convulsions, . . . . . | 1 |
| Railway accident, . . . . .          | 4 | Diphtheria, . . . . .                | 3 |
| Drowning “ . . . . .                 | 1 | Typhoid fever, . . . . .             | 2 |
| Electrical “ . . . . .               | 1 | Marasmus, . . . . .                  | 3 |
| Debility and anæmia, . . . . .       | 1 | Ovarian tumor, . . . . .             | 1 |
| Asphyxia, . . . . .                  | 2 | Spina bifida, . . . . .              | 1 |
| Asthenia, . . . . .                  | 1 | Rheumatism and heart                 |   |
| Abscess following typhitis . . . . . | 1 | disease from Bright's, . . . . .     | 1 |
| “ of brain, . . . . .                | 1 | Bright's disease, . . . . .          | 2 |
| Hæmorrhage from bowels, . . . . .    | 1 | “ morbus, . . . . .                  | 1 |
| Hydrocephalus, . . . . .             | 1 | Still-born or premature              |   |
| Acute dropsy of brain, . . . . .     | 1 | birth, . . . . .                     | 8 |
| Obstruction of bowels, . . . . .     | 1 | Leucocythemia, . . . . .             | 1 |
| Ch. dysentery and old age, . . . . . | 1 | Cirrhosis of liver, . . . . .        | 1 |
| Septicæmia, . . . . .                | 1 | Cancer, . . . . .                    | 6 |
| Puerperal fever, . . . . .           | 1 | Carcinoma, . . . . .                 | 2 |
| Imperfect development, . . . . .     | 1 | Abdominal tumor, . . . . .           | 1 |
| Hæmotopsis, . . . . .                | 1 | Heart disease, . . . . .             | 9 |
| Tenectus, . . . . .                  | 1 | “ failure, . . . . .                 | 1 |
| General atrophy and coma, . . . . .  | 1 | Suicide, . . . . .                   | 1 |
| Pneumonia, . . . . .                 | 8 |                                      |   |

No appropriation beyond the unexpended balance will be required for the ensuing year.

SOLDIERS' LOTS AT WYOMING CEMETERY.

The sum of \$300 has been expended, according to your instructions, in grading and otherwise improving the lots voted to soldiers and their families. We respectfully suggest that a similar amount be appropriated for the same purpose the current year.

Respectfully submitted,

LEVI S. GOULD,  
JOHN P. DEERING,  
CHAS. W. HIGGINS,  
*Selectmen.*

## REPORT OF OVERSEERS OF THE POOR.

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It is only a question of time when it may be thought expedient to care for our insane poor in an asylum properly constructed, to be connected with almshouse accommodations of our own, as is being done with theirs by some other places.

This has been resorted to as a measure of relief for the state asylums, at their own request, because of their overcrowded condition.

Upon inquiry, we have found that the removal of these persons has somewhat reduced the expenditure of the departments without correspondingly increasing those of the farms in the places where it has been adopted, while it is conceded by authorities competent to judge in the matter, that the patients are fully as well cared for as formerly.

The Board of State Charities also boarding out many of the harmlessly insane in private families, subject to their own control, by the consent of the overseers of the poor of those places where the patients belonged, for the same reason as is the case in one instance of our own. This would seem in part, if not wholly, to solve the problem which has concerned the state authorities for several years, namely: "What shall we do with so many of our insane?" Many believe that the cities and towns should care for their own, as far as possible, leaving to the state only the care of the unsettled poor.

The year has passed with very little sickness of an alarming character, that most prevalent being mainly due to weather changes, exposures and to causes which depend upon some departure from the right way of living. Compelled as we are to maintain separate rents for large families at as low rates as possible, in order to bring our expenditures within reasonable limits, it is no wonder that violations of the laws of health in some cases are rendered imminent, and that sickness, and even filth diseases should more or less prevail; not that actual filth and dirt are always present where these diseases prevail, but that crowded tenements, bad air, poor food, deficient drainage, and in some cases the habitual use of miserable stimulants have their full share in producing sickness.

Of course, the remedy for this is a commodious, clean and comfortable home for our poor, where those addicted to drink can be restrained; where the sick can be nursed and cared for; where the old and infirm may have the attention of kind hearts and willing hands, and the feeble and imbecile be made as comfortable and happy as their mental condition will admit of, all to be under the watch and care of experienced and faithful attendants.

We hang this picture before our citizens to make a note of, hoping that it may help to lead up to a fuller and more efficient relief of our poor, with, as we think, about the same money that we now expend.

Not that we can reflect upon or depreciate the benevolence of our townspeople, who provide for and relieve the pain, sickness, misery, want and destitution of the unfortunate ones, making the Department of Relief for the Poor a noble, most useful and beneficent charity, and one upon which the writer of this report can look back upon for sixteen years of his official service and say that they have always supported, not grudgingly, but with full hearts and

full hands. It is because of the noble generosity and anxiety of our citizens to do the best thing that we are prompted to these remarks and to a desire to see their efforts rewarded with a better showing for their money than can possibly be had under the straggling, broken-up system which we are obliged to maintain in caring for our unfortunate poor.

Seven families were thrown upon this town during the year, which compelled us to call for more money at the fall meeting, it not being anticipated at the spring town meeting. These casualties were: Two disabled by accident, two by drunkenness, non-support and imprisonment, one by protracted sickness, one by drunkenness and desertion and one by death. Three of these families we have been relieved of lately, but we entertain no hopes of relief from the four families remaining. The result has been that the expenses of the summer months, which are usually very small, have been fully equal to those of the high winter aid.

The whole number who have been more or less aided during the year is ninety-two. Of this number thirty-two received full support during the whole or a part of the year.

The number provided for at the several insane hospitals is eleven.

Twenty-six persons have been aided who belong in other cities and towns, and to the state, for whom we are to be reimbursed.

For the expenditures and receipts see financial columns, prepared by the town clerk.

H. G. FIELDS,  
JOHN SINGER, JR.,  
MARTHA D. BALE,  
*Overseers of Poor.*

# REPORT OF THE TOWN CLERK.

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## PROCEEDINGS OF TOWN MEETINGS.

*Annual Meeting, March 4, 1889, 7 A. M.*

ARTICLE I OF THE WARRANT. To choose a moderator.  
Chose Levi S. Gould.

ARTS. 2, 3 and 4. To see if the town will accept certain provisions of the statutes relating to the election of selectmen, assessors and road commissioners.

*Voted,* To indefinitely postpone.

ART. 5. To bring in votes on one ballot for selectmen, overseers of poor, clerk, treasurer, collector, assessors and other officers.

To bring in votes, upon a separate ballot, in answer to the question, "Shall licenses be granted for the sale of intoxicating liquors in this town?" Form and size of ballots to be as prescribed in Chapter 49, Acts of 1886.

*Voted,* That the officers elected this day shall consist of three selectmen, who shall also be highway surveyors; one clerk, one treasurer, one collector of taxes, three assessors, one water commissioner for three years, one water commissioner for two years, one water loan sinking fund commissioner for three years, one park commissioner for three years, three overseers of the poor, two school committee for three years, five trustees of the public library, three auditors and three constables.

*Voted*, That when this meeting adjourns it be to next Monday evening, March 11, at 7.30 P. M.

*Voted*, That Royal P. Barry, Sidney H. Buttrick, Daniel Norton, Moses Briggs, John W. Farwell, John B. Souther, Seth E. Benson, George W. Farnsworth and George W. Burke be a committee to investigate and report the amounts necessary to be raised and appropriated for the expenses of the current year, and that they be requested to take into consideration all the articles in the warrant for this meeting which will require an expenditure of money and report such amounts as in their judgment will be required for the purposes named therein.

*Voted*, That the consideration of the articles in the warrant, with the exception of Articles 5 and 6, be postponed until the adjourned meeting (March 11).

*Voted*, To close the polls at 4.30 P. M.

Polls opened under Article 5.

Tellers appointed and sworn: Henry Drake and Charles W. Cochrane.

At 4.30 P. M. the polls were closed and the following persons were declared elected to office by the moderator:

*Selectmen and Highway Surveyors*.—Levi S. Gould, John P. Deering, Charles W. Higgins.

*Overseers of the Poor*.—Henry G. Fields, John Singer, Jr., Martha D. Bale.

*Town Clerk*.—John Larrabee.

*Town Treasurer*.—George Newhall.



*Collector of Taxes.*—Parker Merrill.

*Assessors.*—John R. Norton, Albon W. Parker, Charles W. Cook.

*Water Commissioner for 3 years.*—Wilbur D. Fiske.

*Water Commissioner for 2 years.*—George L. Morse.

*Water Loan Sinking Fund Commissioner for 3 years.*—John W. Farwell.

*Park Commissioner for 3 years.*—Warren A. Rodman.

*School Committee for 3 years.*—Charles F. Loring, Addie B. P. Waterhouse.

*Trustees of the Public Library.*—Elbridge H. Goss, Charles C. Barry, Charles A. Patch, Ruby F. Farwell, Mary L. Charles.

*Auditors.*—Frank E. Orcutt, Walter I. Nickerson, Gilbert N. Harris.

*Constables.*—Ansel B. Pierce, Frank M. McLaughlin, Samuel Lear.

#### LICENSE QUESTION.

“Yes,” sixteen votes; “No,” five hundred and eighteen votes.

*Voted,* To adjourn.

*Adjourned Meeting, March 11, 1889, 7.30 P. M.*

ART. 6. To choose all other necessary town officers.

## OFFICERS ELECTED.

*Measurers of Wood and Bark, Weighers of Hay and Coal.*—Seth E. Benson, C. B. Goss.

*Surveyor of Lumber.*—Henry A. Leonard.

*Committee on Cemeteries.*—George Newhall, Daniel Russell, John Larrabee.

*Fence Viewers.*—Dexter Pratt, Walter C. Stevens.

*Pound Keeper.*—W. Truman Howard.

*Field Drivers.*—Otis Howard, Frank Gibbons, Henry B. Newhall, W. Truman Howard.

*Sealer of Weights and Measures.*—Thomas T. Bailey.

ART. 7. To authorize the town treasurer to borrow money for the purpose of meeting the demands of the town, with the approval of the selectmen.

*Voted*, Unanimously, that the treasurer be authorized, with the approval of the selectmen, to hire money, to renew, replace or pay any existing loan or loans; also, to hire money in anticipation of taxes for the current year, to meet expenses, and issue notes of the town therefor.

Report of the Finance Committee appointed at previous meeting read and accepted.

ART. 8. To raise money for schools.

*Voted*, To raise twenty-three thousand dollars; unexpended balance from last year also appropriated.

ART. 9. To raise money for school contingent expenses.

*Voted*, To raise three thousand five hundred dollars; unexpended balance from last year also appropriated.

ART. 10. To raise money for highways.

*Voted*, To raise seven thousand dollars, of which amount one thousand dollars is to be expended for crushed stone; unexpended balance from last year to be added.

ART. 11. To raise money for sidewalks.

*Voted*, To raise two thousand dollars, of which amount five hundred dollars shall be expended for repairs on existing walks and the remainder to be expended according to votes of town in previous years; unexpended balance from last year added.

ART. 12. To raise money for crossings and gutters.

*Voted*, To raise five hundred dollars; unexpended balance from last year to be added.

ART. 13. To raise money for the support of the poor.

*Voted*, To raise five thousand dollars; unexpended balance from last year added.

ART. 33. To see if the town will pay the Fire Department the sum of fifty dollars each per annum, on petition of J. H. Edwards and other members of the department.

*Voted*, That a committee of three be appointed to examine into and consider what will be adequate compensation for members of the Fire Department, and that Art. 14 be referred to said committee with instructions to report at the adjourned meeting. Committee appointed: John B. Souther, Walter Babb, George T. Brown.

ART. 15. To raise money for lighting and care of street lamps.

*Voted*, To raise four thousand dollars; the unexpended balance from last year added.

ART. 16. To raise money for additional street lamps.

*Voted*, To raise one hundred and fifty dollars; unexpended balance from last year added.

ART. 17. To raise money for police and watchmen.

*Voted*, To raise four thousand dollars; unexpended balance from last year added.

ART. 18. To raise money for contingent expenses.

*Voted*, To raise two thousand dollars; unexpended balance from last year added; the expense of fire inquest recently held to be paid from the above.

*Voted*, That our representative in the General Court be requested to use his influence to so amend Chap. 216 of the Public Statutes, as amended by Chap. 199 of the Acts of 1888, that the expense of holding inquests, as required by said statute, shall not be borne by the towns, or that the engineers be not compelled by law to require such investigations.

ART. 19. To raise money to pay interest on the town debt.

*Voted*, To raise five thousand dollars; unexpended balance from last year added.

ART. 20. To raise money for the reduction of the town debt.

*Voted*, To raise five thousand dollars.

ART. 21. To raise money for the public library.

*Voted*, To raise seven hundred and fifty dollars; unexpended balance from last year to be added, and the dog tax, when received, appropriated for the same purpose.

ART. 22. To raise money to defray expenses of the Board of Health.

*Voted*, To raise two hundred dollars.

ART. 41. To hear and act upon the reports of committees and for the transaction of any other business which may legally come before this meeting.

*Voted*, That a committee of five be appointed by the moderator to consider, with the School Committee, what additional accommodations are needed for the schools located in the High School building and to report at the town meeting to be held on April 22. Committee appointed: R. P. Barry, J. W. Farwell, C. W. Higgins, C. C. Odlin, G. H. Dearborn.

*Voted*, That all money received by the water commissioners, or appropriated by the town, be paid into the town treasury, and not paid out until proper vouchers are approved by the auditors and by the selectmen.

(On a motion to reconsider the above—not a vote.)

*Voted*, To adjourn to Monday evening, March 18, at 7.30 o'clock.

*Adjourned Meeting, March 18, 7.30 P. M.*

ART. 41.

*Voted*, Unanimously, that a committee of five be appointed to examine into the property, affairs, expenses, receipts,

etc., of the Water Department of this town; to consider as to the proper, legal, economical and best method for the management of its business, and to make at an early day a written report which shall give a full and clear statement as to the property, its condition, cost, expense of conducting, receipts, etc., with such recommendations as to its future economical management as they shall deem best. Committee appointed: John W. Farwell, Royal P. Barry, George T. Brown, Sidney H. Buttrick, George C. Stantial.

Report of selectmen on guide boards in the town March 1, 1889, received and accepted.

*Voted*, unanimously, that the Cemetery Committee, with the approval of the selectmen, be and are hereby authorized to purchase land adjoining Wyoming cemetery, for cemetery purposes, and to pay therefor out of the receipts of said cemetery, an amount not exceeding five hundred dollars.

Report of committee appointed at previous meeting, under Art. 33, to consider what will be adequate compensation for members of the Fire Department, read and accepted.

ART. 14 and 33. To raise money for the Fire Department, etc.

*Voted*, That the members of the Fire Department, including the engineers, be paid the sum of thirty-five dollars each per annum; that pay rolls for each company be made and audited, so that the firemen shall be paid as other employees of the town are now paid.

*Voted*, To raise three thousand, three hundred and eighty-five dollars for the expenses of the Fire Department.

ART. 23. To raise money for the use of water in hydrants, public buildings, etc.

*Voted*, To indefinitely postpone.

ART. 24. To raise money for salaries of town officers, and to fix the compensation of all officers and committees elected or appointed by the town.

*Voted*, To raise three thousand and twenty-five dollars; that the compensation of officers be the same as last year, with the exception of the auditors, who shall receive for the entire service of the board, the sum of one hundred dollars, and if any one auditor shall do the work, he shall receive the entire sum, the others receiving no salary.

ART. 25. To raise money for drainage, bridges and culverts.

*Voted*, To raise one thousand dollars; unexpended balance from last year added.

ART. 26. To raise money for the purposes for which the treasurer has been authorized to borrow and the selectmen to expend during the past year, and for any other necessary expenses for the ensuing year.

*Voted*, To raise five thousand, two hundred forty-two and sixty-nine hundredths dollars for expenses incurred by votes of the town at meetings during the year 1888, viz.:

|                             |           |            |
|-----------------------------|-----------|------------|
| Maple street, widening      | . . .     | \$508 00   |
| Howard street, sidewalk     | . . .     | 200 00     |
| Cedar Park, drain           | . . .     | 114 25     |
| Franklin street, drain      | . . .     | 614 00     |
| Wyoming avenue, sidewalk    | . . .     | 356 44     |
| Drainage Committee expenses | . . .     | 250 00     |
| Main street, widening       | . . .     | 3,200 00   |
|                             |           | <hr/>      |
| Total                       | . . . . . | \$5,242 69 |



*Voted*, That it is the sense of the town that the selectmen indefinitely postpone the purchase of the stone crusher which the town voted should be purchased at the last town meeting.

*Voted*, To raise for the payment of military aid the sum of three hundred dollars; for the insurance of town property the sum of one thousand dollars, and for the running expenses of the Town Hall building the sum of six hundred dollars.

ART. 27. To determine the method by which the taxes for the year shall be collected.

*Voted*, That all single poll taxes be made payable on or before August 1, 1889; that all other taxes be made payable on or before October 1, 1889, and that interest be added upon all taxes remaining unpaid after that date at the rate of six per centum per annum; that all property on which the taxes remain unpaid on June 1, 1890, be sold by the collector, in accordance with the provisions of law, and that he be instructed to strictly carry out the provisions of the above vote.

ART. 28. To authorize the town treasurer to issue water fund bonds for the purpose of paying the cost of construction for the ensuing year.

*Voted*, That this article be referred to the special committee appointed at this meeting to examine into the affairs of the Water Department.

ART. 29. To see if the town will raise the sum of two hundred dollars for keeping in repair and decorating the graves of soldiers on Memorial Day.

*Voted*, To raise two hundred dollars.

ART. 30. To see if the town will raise money to grade and improve the "Soldiers' Lot" in Wyoming Cemetery, as set apart by the selectmen.

*Voted*, To raise three hundred dollars.

ART. 31. To see if the town will appropriate the sum of four hundred dollars to improve the Town Common, on petition of William N. Folsom and others.

*Voted*, To raise one hundred and fifty dollars.

ART. 32. To see if the town will remove a ledge on Upham street, near the schoolhouse, and appropriate money for the same.

*Voted*, To raise one hundred dollars, and that the selectmen be instructed to let out the contract of removing the ledge on Upham street to the lowest responsible bidder.

*Voted*, To adjourn to Saturday evening, March 23, at 7.30 o'clock.

*Adjourned Meeting, March 23, 1889, 7.30 P. M.*

ART. 34. To see if the town will refund to the Boston Rubber Shoe Company the sum of sixty dollars and eighty cents, the same being amount of taxes improperly assessed upon personal property belonging to said company in the years 1886 and 1887.

*Voted*, To refund the amount mentioned, which vote was afterward reconsidered and the article referred to a committee to examine as to the legal duty of the town in the premises.

Committee appointed : F. S. Hesseltine, A. V. Lynde.

ART. 35. To see if the town will build a sidewalk on Otis street and appropriate money for the same, on petition of B. L. J. Grady and others.

*Voted*, That the sidewalk be built in the same manner as other sidewalks are now built, the abutters to pay one-half the expense.

ARTS. 36 and 37.

*Voted*, To indefinitely postpone.

ART. 41.

*Voted*, That all the work for building roads, bridges, crossings, sidewalks, gutters and painting buildings be done by letting the same by contract to the lowest responsible bidder, after public notice.

*Voted*, That a committee be appointed to settle with the collector of taxes for the years 1885, 1886 and 1887. Committee appointed: George C. Stantial, Moses Briggs, Gilbert N. Harris.

ART. 38. To see if the town will raise money to remove the ledge on Vinton street, opposite the estate of S. E. Sewall, and otherwise improve said street, northerly.

*Voted*, To raise three hundred dollars.

ART. 39. To see if the town will accept the following streets, as laid out by the selectmen, viz.:

1. An extension from Mount Vernon street, easterly.
2. Street running from Wyoming avenue southerly to the proposed extension of Mount Vernon street.
3. Summer street as relocated, widened and also extended from its junction with Lynde street to Linwood avenue.

4. Street running southerly from Upham street to First street, now known as "Eleventh street."
5. An extension of First street, easterly.
6. Street running from First street to Grove street, now known as "Sixth street."
7. Street running from Upham street to First street, now known as "Eighth street."
8. An extension of Bellevue avenue, northerly from Porter street to Linden street.
9. Street running from the extension of Bellevue avenue to Porter street, now known as "Batchelder street."
10. Street running from Main street to the northerly end of Crystal Lake, thence to Melrose street, now known as "Crystal street."
11. Street running from Franklin street northerly to Greenwood street.
12. Street running from Woodland street westerly to West Hill avenue (so called), now known as "Botolph street."
13. Street running from Botolph street southerly to Franklin street, now known as "West Hill avenue."
14. Street running from Sargent street westerly to Cliff street (so called), now known as "Highland avenue."
15. Street running from Franklin street northerly to Highland avenue (so called), now known as "Pratt street."
16. Street running from Franklin street northerly to Highland avenue (so called), now known as "Cliff street."
17. Street running from Trenton street westerly, now known as "Russell street."

18. Street running from Russell street (so called) to Wyoming avenue, now known as "Wing street."

19. An extension of Charles street, northerly.

20. Street running from and returning to Vinton street, now known as "High street."

21. Street running from Main street easterly, by the entrance to Wyoming Cemetery, known as "Sylvan street," as widened and straightened.

ART. 40. To raise money for the building and grading of new streets which may be accepted at this meeting.

SECTIONS 1 AND 2. Reports withdrawn.

SEC. 3. (Summer street.)

*Voted*, To accept the street as widened, relocated and extended, said acceptance to take effect when the persons owning land within said lines shall have released to the town all claims for damages.

SEC. 4. (Eleventh street.)

*Voted*, To accept the street as laid out, said acceptance to take effect when the persons owning land within said lines shall have released to the town all claims for damages.

*Voted*, To raise one hundred dollars for the building and grading of the street.

*Voted*, That a committee be appointed to take into consideration the matter of changing the names of streets previously named, with special reference to those presented at this meeting for acceptance.

Committee appointed: F. E. Orcutt, Alfred Hocking, W. H. Roberts.

*Voted*, To accept the following streets as laid out by the selectmen, said acceptance to take effect when the persons

owning land within the lines described shall have released to the town all claims for damages :

SEC. 5. Accepted, called First street ; \$100 appropriated for building and grading same.

SEC. 6. Accepted ; \$200 appropriated.

SEC. 8. Accepted ; called Bellevue avenue ; \$300 appropriated.

SEC. 9. Accepted ; called Batchelder street ; \$200 appropriated.

SEC. 10. Accepted ; called Crystal street.

SEC. 11. Accepted ; called Woodland avenue.

SEC. 12. Accepted ; called Botolph street.

SEC. 13. Accepted ; called West Hill avenue.

SEC. 14. Accepted ; called Highland street ; \$300 appropriated.

SEC. 16. Accepted ; called Cliff street.

SEC. 17. Accepted ; called Russell street ; \$100 appropriated.

SEC. 18. Accepted ; called Adams street ; \$100 appropriated.

SEC. 19. (Charles street.) Not reported.

SEC. 20. Accepted ; called High street.

SEC. 21. (Sylvan street) accepted ; \$500 appropriated.

SECS. 7 and 15. *Voted*, To indefinitely postpone the acceptance of the streets now known as Eighth and Pratt streets.

*Voted*, That it is the sense of this meeting that Pratt street be laid out thirty feet in width and Eighth street (so called) thirty-five feet in width.

Report of committee appointed to settle with the collectors of taxes for the years 1881, 1882 and 1883; Received and accepted.

*Voted, To adjourn sine die.*

*Meeting, April 22, 1889, 7 A. M.*

ART. 1. To bring in votes, by ballot, to the selectmen for or against the following article of amendment of the constitution of this Commonwealth.

ARTICLE OF AMENDMENT.

"The manufacture and sale of intoxicating liquors to be used as a beverage are prohibited.

"The general court shall enact suitable legislation to enforce the provisions of this article."

The form of the ballot to be as follows :

Amendment to the constitution. "Yes" or "No."

Ballots furnished by the Commonwealth. Polls to be kept open until 4.30 P.M.

ART. 2. To choose a moderator to preside for the transaction of town business.

Levi S. Gould chosen as moderator.

Polls opened under Art. 1.

George Woodward appointed to distribute ballots in the affirmative, William T. Henney in the negative. John B. Souther and Robert S. Webster appointed as tellers, and sworn.



*Voted*, That the transaction of town business other than voting under this article be postponed to Thursday evening, April 25, at 7.30 o'clock, and that when this meeting adjourns it shall be to that time.

Result of the balloting. Amendment to the constitution.

|                 |       |
|-----------------|-------|
| YES.....        | 530   |
| NO.....         | 352   |
|                 | <hr/> |
| TOTAL VOTE..... | 882   |

*Adjourned Meeting, April 25, 7.30 P. M.*

ART. 3. To see what action the town will take in relation to providing voting shelves or compartments, guard rail, etc., as required for elections after Nov. 1, 1889, by section 21, chapter 436, Acts of 1888; also in relation to making certain improvements in the offices and ante-rooms of the Town Hall building, and authorize the treasurer to borrow money for the same if necessary.

*Voted*, That the selectmen be authorized to introduce water into the ante-room on the second floor of the Town Hall building, at an expense not exceeding sixty dollars; also to provide voting shelves or compartments, guard rail, etc., as provided by law, the same to be paid out of the contingent appropriation.

Upon the request of the town treasurer, George Newhall, that a committee be appointed to examine into his accounts and doings in said office, it was voted that the request of the town treasurer be granted, that a committee of five be appointed by the moderator to examine all the books and accounts of the town treasurer, to ascertain fully about the town funds, how and where deposited, what is received for

the consideration of such deposits, and to recommend what action, if any, the town shall take as to designating a place for the deposit by the treasurer of all of the town funds.

Committee appointed : F. S. Hesseltine, Seth E. Benson, Nathaniel P. Jones, Frank E. Orcutt, George C. Stantial.

ART. 4. To see if the town will amend article 7 of the by-laws relating to the prevention of fires.

*Voted*, To amend the town by-laws by striking out in article 7, section 1, in the second line thereof, the words "two stories or more" and "height within," and adding to section 5 the words "and iron lintels shall be used instead of wood."

ART. 5. Relating to drains on Mount Vernon and Foster streets.

Indefinitely postponed.

ART. 6. Relating to sidewalk on Upham street. Referred to the selectmen to obtain estimates as to cost of building the same, and report at next meeting.

ART. 7. Relating to discontinuing Sixth and Eleventh streets as accepted at meeting March 23, 1889.

*Voted*, To discontinue the streets as laid out, and that it is the sense of this meeting that the selectmen lay out said streets thirty-five feet wide.

ART. 8. Laid on table.

ART. 9. To see if the town will authorize the treasurer to borrow money to complete the building of new streets accepted at the annual meeting, and to relieve any or all of the streets accepted at that meeting from restrictions regarding their acceptance.

*Voted*, That the restrictions regarding proposals for the building of Sylvan and Batchelder streets and for the extension of Bellevue avenue be annulled, and that the selectmen be authorized to build the streets with the appropriations already made and six hundred dollars in addition thereto, and that the treasurer be authorized to borrow the additional amount, viz.: six hundred dollars.

ART. 10. To see if the town will accept the following streets, as laid out by the selectmen, and authorize the treasurer to borrow money for the building or grading of the same, if necessary:

1. An extension of Mount Vernon street, easterly.
2. Street running from Wyoming avenue southerly to the proposed extension of Mount Vernon street.
3. Street running from Upham street to First street, now known as "Eighth street."
4. Street running from Franklin street northerly to Highland street, now known as "Pratt street."
5. Street running from Cottage street to Trenton street, now known as "Grundy street."
6. An extension of Third street, easterly.
7. An extension of Orris street from Warren street to street known as Walton Park and street running from said extension of Orris street to Natalie avenue (so called), which is now known as "Walton Park."

SEC. 1. Accepted, and called Mount Vernon street.

SEC. 2. Accepted, and called Brown street.

SEC. 3. Accepted, and called Eighth street.

SEC. 4. Accepted, and called Pratt street.

SEC. 5. Accepted, and called Grundy street.

SEC. 6. Accepted so far as shown on plan of the "Home Association Lands;" remaining portion to be accepted when built to the satisfaction of the selectmen. Treasurer authorized to borrow three hundred dollars, one-half to be expended on that part of the street already accepted, and the other half on the remainder of the street when the owners of land adjoining same shall have paid into the town treasury an equal sum, or expended upon the street its equivalent in labor and material to the satisfaction of the selectmen as before stated. Street to be called Third street.

SEC. 7. *Voted*, To accept the streets as laid out, and that the sums awarded for land damages on account of the widening of Orris street be paid out of the highway appropriation, viz.:

|                              |          |
|------------------------------|----------|
| To William H. Greenleaf..... | \$ 86.80 |
| Charles F. Jefts.....        | 199 90   |
| R. A. Perkins.....           | 59.90    |

Said streets to be called Orris street and Walton park. C. W. Higgins tendered his check for the amount awarded William H. Greenleaf, viz., \$86.80, as per his agreement with the selectmen if the streets were accepted.

ART. 11. *Voted*, That a committee of five be appointed to consider the expediency of removing from the old burial ground on Main street the bodies now interred therein to Wyoming cemetery, said committee to report as to plans, methods, etc., at a future meeting, after public hearing to persons interested if deemed necessary. Committee appointed: J. S. Clark, J. O. Norris, J. B. Souther, George T. Brown, W. Irving Ellis.

#### REPORTS OF COMMITTEES.

The committee appointed to consider the matter of re-

funding certain taxes illegally assessed upon the Boston Rubber Shoe Company, submitted their report.

Accepted and adopted and treasurer authorized to refund sixty dollars and eighty cents, the amount claimed.

Report of committee on changing names of streets.

Accepted; action indefinitely postponed.

Report of committee appointed to examine into the affairs of the Water Department.

Read, accepted and ordered to be printed and circulated.

*Voted*, That when this meeting adjourns, it shall be to Monday evening, May 6, 1889, at 7.30 o'clock.

*Voted*, That the committee on drainage and sewage disposal for this town be requested to report in writing at the adjourned meeting, May 6, 1889, concerning matters before them, and that the town clerk be requested to notify the Legislature that the town desires to be heard further upon the matter.

Report of committee appointed March 11 to confer with the school committee as to what additional accommodations are needed for the schools located in the High School building.

Received, read and accepted.

*Voted*, To adjourn.

*Adjourned Meeting, May 6, 1889, 7.30 P. M.*

Report of committee appointed to consider the matter of drainage and sewage disposal.

Read and accepted.

*Voted*, "That we, in town meeting assembled, are opposed to the passage of the bill authorizing the 'North Metropolitan Sewerage System for the Mystic and Charles River

Valleys,' and that we ask that we may be heard upon the same, and that the representative of this town oppose, to the best of his ability, the passage of the bill, and that the Governor of the State, the President of the Senate and the Speaker of the House be notified that we are opposed to the bill and pray that it may not become a law, and that if we cannot be heard at this Legislature the matter be referred to the next General Court, so that we can be heard."

Vote confirmed by counting. Affirmative, 264; negative, 1.

Report of committee appointed to examine into the accounts and doings of the town treasurer.

Read and accepted.

*Voted*, That the recommendations contained in said report be adopted.

*Voted*, To adjourn to Monday evening, May 20, 1889, at 7.30 o'clock.

*Meeting, May 20, 1889, 7.15 P. M.*

ART. I. To choose a moderator.

Chose Levi S. Gould. (Fifty-fifth election.)

*Voted*, That this meeting be adjourned until the final adjournment of the meeting previously adjourned to 7.30 this evening.

*Adjourned Meeting, May 20, 1889, 7.30 P. M.*

*Voted*, That the summary of recommendations and all other recommendations of the committee appointed to investigate the affairs of the Water Department be taken up and acted upon seriatim.

*Voted*, That no permanent improvement or extension of



the system be undertaken without the authority of the town, and that hereafter the water commissioners do not extend street pipes, except when application is made, accompanied by a guarantee in the form annexed, signed and executed by a responsible person or persons, which shall secure to the town interest, at the rate of six per cent., on the expense of the construction of such extension, and that no construction in excess of five thousand dollars shall be performed in any one year, except by special vote of the town authorizing such excess.



[FORM.]

**MELROSE WATER WORKS.****GUARANTEE.**

KNOW ALL MEN BY THESE PRESENTS, That....the undersigned, in consideration of the laying of water pipes by the town of Melrose, along the line of.....street, in the town of Melrose, Mass., so as to allow the inhabitants living on said street to be supplied with water from the Water Works of said Melrose, hereby agree to take water from said town, at the rates and under the regulations now or hereafter to be established for all takers thereof, and pay for the same to the extent of.....dollars per annum until such time as the revenue from the water takers connected with the water pipes so laid, at regular rates, shall equal six per cent. per annum upon their cost.

THIS AGREEMENT is to be in force, and payment of the rates aforesaid to the amount above stated is to be made as well, if the undersigned shall not by himself or his tenant introduce and use the water of the Water Works of the town of Melrose in and upon his premises on said street, as if he shall so do. Said rates to begin when the Water Commissioners of Melrose shall in writing notify the undersigned that they are ready to supply the inhabitants living on said street with water by connecting with said Water Works.

Witness....hand this.....day of.....A. D. 18

Signature,.....

Witness,.....

*Voted*, That the guarantees shall be definitely and legally drawn and signed by the petitioners before the work is commenced.

*Voted*, That the best interests of the town require a more economical management of the water department, and to this end that the salary of a superintendent to superintend the work of the department be fixed at eleven hundred dollars; that a registrar be employed to take charge of the book accounts and collections of the department, at a salary to Parker Merrill as such registrar of twelve hundred dollars per annum, and that the water commissioners reduce the expense of conducting and maintaining the business of the department wherever it is possible to do so with a proper efficient service.

*Voted*, That the water commissioners make a detailed report at the next town meeting what reduction and saving they have made in the administration of their department.

*Voted*, To adjourn *sine die*.

*Adjourned Meeting, May 20, 1889, 10.15 P. M.*

Meeting called to order immediately after the adjournment of other meeting, as per vote.

*Voted*, To adjourn to Thursday, May 23, 1889, at 7.30 o'clock P.M.

*Adjourned Meeting, May 23, 1889, 7.30 P. M.*

ART. 2. To see if the town will enlarge and improve the high school building and purchase land adjoining the same, or otherwise provide additional accommodations for the schools now located in the high school building, and authorize the treasurer to borrow money for the same.

*Voted*, That the school committee, with Joel Snow, Daniel J. Prior and Dr. J. S. Clark, be authorized to extend and reconstruct the high school building at an expense not

exceeding the sum of seven thousand five hundred dollars, and that the town treasurer be authorized to borrow money for the same. Unanimous vote.

*Voted*, To adjourn to Tuesday, May 28, at 7.30 o'clock.

*Adjourned Meeting May 28, 1889, at 7.30 o'clock P.M.*

ART. 9. To see if the town will build a sidewalk on the north side of Upham street from opposite the estate of N. P. Jones to East street, and authorize the treasurer to borrow money for the same.

*Voted*, That the selectmen be authorized to build said walk, and that the sum of three hundred and fifty dollars be appropriated for the same, and the treasurer authorized to borrow the amount.

ART. 10. To see if the town will pay to Susan M. Ireson the sum of one hundred dollars for land damages, and authorize the treasurer to borrow said amount.

*Voted*, That the sum of one hundred dollars be paid to Susan M. Ireson, from the highway appropriation, as damages for land taken for the widening of Swains Pond avenue.

ART. 5. To see if the town will lower the drain pipe on Mount Vernon street, and authorize the treasurer to borrow money for the same.

*Voted*, That the drain be lowered; \$150 appropriated for the same.

ART. 6. To see if the town will lay a drain from the outlet of catch-basin at the junction of Main and Foster streets to

Ell Pond brook, and authorize the treasurer to borrow money for the same.

*Voted*, That a drain be laid ; \$150 appropriated for same.

ART. 7. To see if the town will accept street now known as "Sixth street," as relaid out by the selectmen.

*Voted*, That the street, as laid out, be accepted and called Sixth street.

ART. 8. To see if the town will accept street now known as "Eleventh street," as relaid out by the selectmen.

*Voted*, That the street, as laid out, be accepted and called Eleventh street.

ART. 2. That portion of the article relating to the purchase of additional land in rear of High School building.

Considered and indefinitely postponed.

ART. 3. To see if the town will authorize the treasurer to issue water fund bonds for the purpose of paying the cost of construction for the current year, and to take any other action upon the report of the committee appointed to examine into the affairs of the Water Department as may be deemed advisable.

*Voted*, To accept and adopt the following recommendations of the committee :

That no pipe be hereafter laid of less than six inches in diameter except in short streets, courts or places.

That the water commissioners be requested to seriously consider the question of the merits of iron as compared with the cement lined pipe, the relative cost of the same, the relative cost of repairing, and all collateral expenses, and if

it should be found that the cement lined pipe is no better or cheaper than the iron pipe, then the manufacture of cement pipe to be discontinued.

That the labor account be accurately kept and divided between construction, maintenance and service, and so entered upon these several accounts at least once a month.

That nothing be charged to construction account except permanent improvements or actual expenses, including labor incurred in laying street mains, service pipe to street lines, hydrants and gates.

That service pipe laid from street lines to premises of water-takers be charged to service account, and moneys received from them be credited to same account, and not be treated as a source of revenue as heretofore.

That all salaries be charged to maintenance account.

#### ART. II.

*Voted*, That the vote whereby the selectmen were instructed to expend from the highway appropriation the sum of one thousand dollars for crushed stone be revoked, and that the matter be left to the discretion of the selectmen.

*Voted*, That the selectmen be authorized to build the streets accepted at this meeting, viz.: Sixth and Eleventh streets, with money already appropriated.

*Voted*, That the sum of one hundred dollars heretofore appropriated and directed to be paid to the City of Malden for services rendered by their Fire Department be paid into the Firemen's Relief Fund of said city. Daniel J. Prior having declined serving on committee appointed at last meeting (High School building), Charles W. Higgins was appointed to serve on said committee.

*Voted*, To adjourn *sine die*.

*Meeting November 5, 1889, at 7 o'clock A.M.*

ART. 1. To bring in votes to the selectmen for State and county officers, all to be voted for on one ballot in form and manner as prescribed by law. All ballots furnished by the Commonwealth and distributed by officers duly appointed. Polls to be kept open until 4.30 P.M.

Polls opened at 7 A.M.

ART. 2. To choose a moderator to preside for the transaction of town business.

Chose Levi S. Gould.

*Voted*, That the transaction of town business be postponed to Saturday evening next (Nov. 9), at 7.30, and that when this meeting adjourns it be to that time.

Gilbert N. Harris and Norman F. Hesseltine, previously appointed as inspectors, and Stephen A. Lovejoy and Curtis S. Gordon, also appointed as deputy inspectors, were duly sworn.

Samuel Webster, Charles M. Field, Charles W. Cochrane, John O. Hayes, John B. Souther, S. A. Lovejoy and C. S. Gordon were appointed as tellers.

*Voted*, To keep the polls open until sunset (4.32 P.M.)

Result of the voting as declared :

Total number of votes cast, 1,070.

*For Governor.*

|                                          | VOTES. |
|------------------------------------------|--------|
| John Blackmer of Springfield . . . .     | 51     |
| John Q. A. Brackett of Arlington . . . . | 678    |
| William E. Russell of Cambridge . . . .  | 326    |

*For Lieutenant-Governor.*

|                                  |   |   |   |     |
|----------------------------------|---|---|---|-----|
| John W. Corcoran of Clinton      | . | . | . | 299 |
| William H. Haile of Springfield  | . | . | . | 688 |
| Benjamin F. Sturtevant of Boston | . | . | . | 47  |

*For Secretary of the Commonwealth.*

|                                  |   |   |   |     |
|----------------------------------|---|---|---|-----|
| George D. Crittenden of Buckland | . | . | . | 43  |
| William N. Osgood of Boston      | . | . | . | 262 |
| Henry B. Peirce of Abington      | . | . | . | 729 |

*For Treasurer and Receiver-General.*

|                                 |   |   |   |     |
|---------------------------------|---|---|---|-----|
| George A. Marden of Lowell      | . | . | . | 698 |
| Edwin L. Munn of Holyoke        | . | . | . | 259 |
| Frederick L. Wing of Ashburnham | . | . | . | 49  |

*For Auditor.*

|                                    |   |   |   |     |
|------------------------------------|---|---|---|-----|
| William H. Gleason of Boston       | . | . | . | 51  |
| Charles R. Ladd of Springfield     | . | . | . | 696 |
| William D. T. Trefry of Marblehead | . | . | . | 257 |

*For Attorney-General.*

|                                  |   |   |   |     |
|----------------------------------|---|---|---|-----|
| Allen Coffin of Nantucket        | . | . | . | 53  |
| Elisha B. Maynard of Springfield | . | . | . | 273 |
| Andrew J. Waterman of Pittsfield | . | . | . | 678 |

*For Councillor, Sixth District.*

|                              |   |   |   |     |
|------------------------------|---|---|---|-----|
| Amos E. Hall of Everett      | . | . | . | 63  |
| Byron Truell of Lawrence     | . | . | . | 666 |
| Charles J. Williams of Acton | . | . | . | 280 |



*For District-Attorney, Northern District.*

|                             |   |   |   |     |
|-----------------------------|---|---|---|-----|
| Patrick H. Cooney of Natick | . | . | . | 716 |
| Frank M. Forbush of Natick  | . | . | . | 122 |

*For Sheriff.*

|                             |   |   |   |     |
|-----------------------------|---|---|---|-----|
| Henry G. Cushing of Lowell  | . | . | . | 806 |
| John Howard Nason of Woburn | . | . | . | 76  |

*For County Commissioner.*

|                                 |   |   |   |     |
|---------------------------------|---|---|---|-----|
| William S. Frost of Marlborough | . | . | . | 671 |
| Elmer D. Howe of Marlborough    | . | . | . | 51  |
| John L. Hunt of Lowell          | . | . | . | 264 |

*For Special Commissioners.*

|                                  |   |   |   |     |
|----------------------------------|---|---|---|-----|
| Francis N. Bardwell of Cambridge | . | . | . | 54  |
| George O. Byam of Chelmsford     | . | . | . | 236 |
| Lyman Dike of Stoneham           | . | . | . | 663 |
| Marcellus H. Fletcher of Lowell  | . | . | . | 250 |
| Rufus H. Hapgood of Hudson       | . | . | . | 44  |
| Edward E. Thompson of Woburn     | . | . | . | 619 |

*For Commissioners of Insolvency.*

|                                  |   |   |   |     |
|----------------------------------|---|---|---|-----|
| George J. Burns of Ayer          | . | . | . | 656 |
| James H. Carmichael of Lowell    | . | . | . | 247 |
| Frederic T. Greenhalge of Lowell | . | . | . | 653 |
| George W. Heywood of Westford    | . | . | . | 240 |
| John C. Kennedy of Newton        | . | . | . | 625 |
| Henry C. Mulligan of Natick      | . | . | . | 222 |

*For Senator, Sixth Middlesex District.*

|                               |   |   |   |     |
|-------------------------------|---|---|---|-----|
| George M. Buttrick of Everett | . | . | . | 56  |
| John P. Deering of Melrose    | . | . | . | 337 |
| Alonzo H. Evans of Everett    | . | . | . | 602 |

*For Representative to the General Court, Eleventh Middlesex District.*

|                                         |     |
|-----------------------------------------|-----|
| William E. Barrett of Melrose . . . . . | 601 |
| Moses Briggs of Melrose . . . . .       | 177 |
| Frank W. Lewis of Melrose . . . . .     | 250 |
| Gilbert N. Harris . . . . .             | 1   |

*Voted*, To adjourn to time previously stated, viz.: Saturday, November 9, 1889, 7.30 P. M.

*Adjourned Meeting, Nov 9, 1889, 7.30 o'clock P.M.*

ART. 3. To see if the town will accept the jury list as revised.

List amended and accepted.

ART. 4. To see what action the town will take in relation to furnishing relief to needy soldiers and sailors and the widows of soldiers and sailors who served in the army or navy during the war of the rebellion, as provided by chapter 298 of the Acts of the year 1889.

*Voted*, That the sum of three hundred dollars be appropriated, and that the treasurer be authorized to borrow the same, to be expended as needed under the provisions of the act.

ART. 5. To see if the town will accept the provisions of law in relation to betterments, as embraced in chapter 169, Acts of 1869, chapter 382, Acts of 1871, and Public Statutes, chapter 51.

*Voted*, That the provisions of the statutes in relation to betterments, so far as they are applicable to towns, be accepted.

ART. 6. To see if the town will authorize the payment of certain necessary expenses in excess of the appropriations for the current year.

*Voted*, That the treasurer be authorized to borrow for the payment of certain necessary expenses the following sums, viz. :

|                                |            |
|--------------------------------|------------|
| Poor fund .....                | \$1,000.00 |
| Street lights .....            | 300.00     |
| Salaries of town officers..... | 700.00     |
| Highways .....                 | 500.00     |

ART. 7. To see if the town will change the names of the following streets to their former names, viz. : Gooch street to Fourth street ; Larrabee street to Fifth street ; Parker street to Seventh street ; Sewall street to Tenth street, by request of A. V. Lynde.

Indefinitely postponed.

ART. 8. To see what action the town will take in regard to the Metropolitan Sewerage bill passed by the last Legislature, or in the matter of sewerage in this town, by request of F. S. Hesseltine.

Indefinitely postponed.

ART. 9. To hear and act upon the report of the committee appointed to remodel the high school building.

Report read and accepted ; committee discharged.

ART. 10. To see what action the town will take in relation to erecting a building for the high school, the purchase of land for the same, and to authorize the treasurer to borrow such sum of money as deemed necessary, by request of the school committee.

*Voted*, That a committee consisting of the three male members of the school committee and six others, two each from Wyoming, Melrose centre and Melrose Highlands, be appointed by the moderator to procure plans, specifications and estimates for a high school building, to select two or more suitable lots of land from which the town may choose a location for the same, and to prepare a report for the action of the town at the next annual meeting in March.

*Voted*, That the treasurer of the town be authorized to borrow a sum not exceeding five hundred dollars for the use of said committee in carrying out the provisions of the above vote.

Committee appointed: J. O. Norris, J. C. Maker, C. F. Loring, Daniel Norton, William A. Smith, J. S. Clark, R. P. Barry, Moses Briggs, Joel Snow.

ART. 11. To see if the town will accept a street or way leading from Wyoming avenue northerly to Baxter street, as laid out by the selectmen.

*Voted*, That the street be accepted when the same shall be built and graded acceptable to the board of selectmen, and that it be called Sibley street.

ART. 12. To see if the town will properly drain the lower end of Cedar park, and authorize the treasurer to borrow money for the same, on petition of E. H. Goss, C. A. Merrill, C. H. Isburgh, S. E. Benson and others.

*Voted*, That the selectmen be instructed to employ an engineer to examine the premises and ascertain if the water cannot be taken in the direction of Wyoming depot on the west side of the railroad track, and that the treasurer be authorized to borrow one thousand dollars for the building of said drain if necessary.

ART. 13. To see if the town will authorize the water commissioners to expend for construction or for laying of street pipes an amount in addition to the sum authorized for the current year.

*Voted*, That the Water Commissioners be authorized to expend not exceeding two thousand dollars for the purposes of construction or the laying of street pipes, in accordance with instructions heretofore given.

ART. 14. Indefinitely postponed.

ART. 15. Indefinitely postponed.

ART. 16. To see if the town will put Woodland avenue in a proper condition and authorize the treasurer to borrow money for the same, on petition of M. W. Lester and others.

*Voted*, That the selectmen be authorized to lay a drain and that the treasurer be authorized to borrow five hundred dollars to pay the expense of said drain and grading the street.

ART. 17. To see if the town will grade a portion of Third street and appropriate or borrow money for the same.

*Voted*, That the selectmen be authorized to grade the street, and that the treasurer be authorized to borrow two hundred dollars therefor.

ART. 18. To see if the town will appoint a committee to consider and report at the next annual meeting the amounts necessary to be raised and appropriated for the year 1890.

*Voted*, That John W. Farwell, Seth E. Benson, Moses Briggs, F. W. Lewis, Daniel Norton, Addison Lane, A.

Eugene Upham, Henry A. Leonard and Moses S. Page be a committee to consider the amounts necessary to be appropriated for the year 1890, and report at the annual meeting,

ART. 19. To hear and act upon the reports of committees and for the transaction of any other business which may legally come before this meeting.

*Voted*, That the treasurer be authorized to pay all necessary expenses which may be incurred from January 1 to April 1, 1890, in anticipation of the annual appropriations of the year.

*Voted*, To adjourn *sine die*.

## APPROPRIATIONS, 1889.

## March 11.

|                                                        |             |
|--------------------------------------------------------|-------------|
| *Schools, support of . . . . .                         | \$23,000 00 |
| *School contingent expenses . . . . .                  | 3,500 00    |
| *Highways (\$1000 for crushed stone) . . . . .         | 7,000 00    |
| *Sidewalks (\$500 for repairs) . . . . .               | 2,000 00    |
| *Crossings and gutters . . . . .                       | 500 00      |
| *Poor fund . . . . .                                   | 5,000 00    |
| *Street lights . . . . .                               | 4,000 00    |
| *Additional street lamps . . . . .                     | 100 00      |
| *Police and watchmen . . . . .                         | 4,000 00    |
| *Contingent expenses (fire inquest \$416.88) . . . . . | 2,000 00    |
| *Interest . . . . .                                    | 5,000 00    |
| Reduction of debt . . . . .                            | 5,000 00    |
| Public Library, dog tax and . . . . .                  | 750 00      |
| Board of Health . . . . .                              | 200 00      |
|                                                        | <hr/>       |
|                                                        | \$62,050 00 |

## March 18.

|                                           |          |
|-------------------------------------------|----------|
| Fire Department . . . . .                 | 3,385 00 |
| Salaries. . . . .                         | 3,025 00 |
| *Drainage, bridges and culverts . . . . . | 1,000 00 |

## For expenditures of 1888, as authorized by votes.

|                                     |          |
|-------------------------------------|----------|
| Maple street widening . . . . .     | \$508 00 |
| Howard street sidewalk . . . . .    | 200 00   |
| Cedar Park drain . . . . .          | 114 25   |
| Franklin street drain . . . . .     | 614 00   |
| Sidewalk, Wyoming avenue . . . . .  | 356 44   |
| Drainage Com'tee expenses . . . . . | 250 00   |
| Main street widening . . . . .      | 3,200 00 |
|                                     | <hr/>    |

\$5,242 69

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\*And unexpended balance of previous year.



|                                       |          |
|---------------------------------------|----------|
| Military aid . . . . .                | \$300 00 |
| Insurance . . . . .                   | 1,000 00 |
| Town Hall, running expenses . . . . . | 600 00   |
| Memorial Day . . . . .                | 200 00   |
| Soldiers' lots, "Wyoming" . . . . .   | 300 00   |
| Town common . . . . .                 | 150 00   |
| Ledge, Upham street . . . . .         | 100 00   |

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\$77,352 69

March 23.

|                                |          |
|--------------------------------|----------|
| Ledge, Vinton street . . . . . | \$300 00 |
|--------------------------------|----------|

#### NEW STREETS.

|                                     |          |
|-------------------------------------|----------|
| Eleventh street . . . . .           | \$100 00 |
| First street . . . . .              | 100 00   |
| Sixth street . . . . .              | 200 00   |
| Bellevue avenue extension . . . . . | 300 00   |
| Batchelder street . . . . .         | 200 00   |
| Highland street . . . . .           | 300 00   |
| Russell street . . . . .            | 100 00   |
| Adams street . . . . .              | 100 00   |
| Sylvan street . . . . .             | 500 00   |

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\$1,900 00

|                 |             |
|-----------------|-------------|
| Total . . . . . | \$79,552 69 |
|-----------------|-------------|

Treasurer authorized to borrow and pay:

April 25.

|                                                                                |          |
|--------------------------------------------------------------------------------|----------|
| Sylvan street, Batchelder street and Bellevue<br>avenue (additional) . . . . . | \$600 00 |
| Third street (extension) . . . . .                                             | 300 00   |
| Taxes refunded . . . . .                                                       | 60 80    |

\$960 80

May 23.

Remodelling High School building . . . \$7,500 00

\$75.00 expended, committee discharged.

May 28.

Upham street sidewalk . . . . \$350 00

Foster street drain . . . . 150 00

Mount Vernon street drain . . . . 150 00

Nov. 9.

Relief to soldiers . . . . 300 00

Poor fund (additional) . . . . 1,000 00

Street lights " . . . . 300 00

Salaries " . . . . 700 00

Highways " . . . . 500 00

High School Building Committee . . . 500 00

Cedar Park drain . . . . 1,000 00

Woodland avenue drain . . . . 500 00

Third street . . . . 200 00

---

 \$14,110 80

# STATISTICS OF BIRTHS, MARRIAGES AND DEATHS FOR THE YEAR 1889.

|                     | Births.   | Marriages. | Deaths.   |
|---------------------|-----------|------------|-----------|
| January . . . . .   | 19        | 5          | 8         |
| February . . . . .  | 15        | 4          | 13        |
| March . . . . .     | 16        | 3          | 17        |
| April . . . . .     | 21        | 10         | 14        |
| May . . . . .       | 9         | 2          | 12        |
| June . . . . .      | 14        | 13         | 8         |
| July . . . . .      | 16        | 7          | 13        |
| August . . . . .    | 23        | 3          | 10        |
| September . . . . . | 26        | 7          | 8         |
| October . . . . .   | 13        | 17         | 7         |
| November . . . . .  | 12        | 11         | 8         |
| December . . . . .  | 22        | 8          | 10        |
|                     | <hr/> 206 | <hr/> 90   | <hr/> 128 |

## BIRTHS.

|                               |           |
|-------------------------------|-----------|
| Number registered . . . . .   | 206       |
| More than last year . . . . . | 42        |
| Males . . . . .               | 108       |
| Females . . . . .             | 98        |
|                               | <hr/> 206 |

Of the above number 198 were born in Melrose and 8 were born in other places.

|                                                 |           |
|-------------------------------------------------|-----------|
| Born of American parents . . . . .              | 105       |
| of foreign parents . . . . .                    | 52        |
| of American father and foreign mother . . . . . | 30        |
| of foreign father and American mother . . . . . | 19        |
|                                                 | <hr/> 206 |

## INTENTIONS OF MARRIAGES RECORDED.

|                                             |          |
|---------------------------------------------|----------|
| Whole number of couples . . . . .           | 89       |
| Both parties residing in Melrose . . . . .  | 41       |
| But one party residing in Melrose . . . . . | 47       |
| Neither " " " " . . . . .                   | 1        |
|                                             | <hr/> 89 |

## MARRIAGES.

|                                        |          |
|----------------------------------------|----------|
| Whole number . . . . .                 | 90       |
| More than last year . . . . .          | 11       |
| Both parties American . . . . .        | 55       |
| Both parties foreign . . . . .         | 20       |
| Parties American and foreign . . . . . | 15       |
|                                        | <hr/> 90 |
| First marriage of persons . . . . .    | 154      |
| Second marriage of persons . . . . .   | 26       |
|                                        | <hr/>    |
| 180—90 couples.                        |          |

## DEATHS.

|                                                      |           |
|------------------------------------------------------|-----------|
| Whole number registered . . . . .                    | 128       |
| Non-residents included in the above number . . . . . | 4         |
| Had residence in Melrose, died elsewhere . . . . .   | 5         |
| Males (married) . . . . .                            | 22        |
| Females (married) . . . . .                          | 24        |
| Widows . . . . .                                     | 20        |
| Widowers . . . . .                                   | 3         |
| Males (single) . . . . .                             | 7         |
| Females (single) . . . . .                           | 9         |
| Male children . . . . .                              | 25        |
| Female children . . . . .                            | 18        |
|                                                      | <hr/> 128 |

Under one year (still-born or premature birth 10) 24

|             |   |   |   |   |   |   |    |
|-------------|---|---|---|---|---|---|----|
| From 1 to 5 | . | . | . | . | . | . | 14 |
| 5 " 10      | . | . | . | . | . | . | 1  |
| 10 " 20     | . | , | . | . | . | . | 7  |
| 20 " 30     | . | . | . | . | . | . | 11 |
| 30 " 40     | . | . | . | . | . | . | 14 |
| 40 " 50     | . | . | . | . | . | . | 10 |
| 50 " 60     | . | . | . | . | . | . | 7  |
| 60 " 70     | . | . | . | . | . | . | 22 |
| 70 " 80     | . | . | . | . | . | . | 13 |
| 80 " 90     | . | . | . | . | . | . | 5  |

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COMPARATIVE STATEMENT OF BIRTHS, DEATHS AND MARRIAGES REGISTERED, ALSO OF POPULATION, IN MELROSE DURING THE YEARS 1880 TO 1889, INCLUSIVE.

|      | Deaths. | Marriages. | Births. | Population. |
|------|---------|------------|---------|-------------|
| 1880 | 62      | 33         | 73      | 4443        |
| 1881 | 70      | 43         | 95      | 4508        |
| 1882 | 83      | 53         | 114     | 4739        |
| 1883 | 78      | 59         | 129     | 5071        |
| 1884 | 80      | 56         | 132     | 5607        |
| 1885 | 120     | 66         | 150     | 6110        |
| 1886 | 100     | 80         | 168     | 6536        |
| 1887 | 96      | 68         | 155     | 7073        |
| 1888 | 123     | 79         | 164     | 7535        |
| 1889 | 128     | 90         | 206     | 7821        |

## REGISTRATION OF VOTERS, 1889.

*Males.*

|                                                        |       |       |
|--------------------------------------------------------|-------|-------|
| Total number, as per last report . . . . .             | 1,521 |       |
| Registered previous to March meeting :                 |       |       |
| Feb. 21 . . . . .                                      | 2     |       |
| 27 afternoon session . . . . .                         | 1     |       |
| " evening " . . . . .                                  | 5     | 8     |
|                                                        |       | <hr/> |
|                                                        |       | 1,529 |
| April 17, registered . . . . .                         | 10    |       |
|                                                        |       | <hr/> |
|                                                        |       | 1,539 |
| Registered and restored previous to November meeting : |       |       |
| Oct. 17 . . . . .                                      | 30    |       |
| 24 . . . . .                                           | 44    |       |
| 30 . . . . .                                           | 70    | 144   |
|                                                        |       | <hr/> |
|                                                        |       | 1,683 |
| Erased on account of                                   |       |       |
| Deaths . . . . .                                       | 19    |       |
| Removals . . . . .                                     | 25    |       |
| Non-payment of taxes, 1888--1889 . . . . .             | 163   | 207   |
|                                                        |       | <hr/> |
|                                                        |       | 1,476 |
| Added on election day . . . . .                        | 4     |       |
| Total . . . . .                                        |       | 1,480 |

*Females.*

|                              |     |       |
|------------------------------|-----|-------|
| Total number, 1888 . . . . . | 114 |       |
| Registered during the year:  |     |       |
| Feb. 21 . . . . .            | 4   |       |
| 27 afternoon . . . . .       | 14  |       |
| " evening . . . . .          | 2   | 20    |
|                              |     | <hr/> |
|                              |     | 134   |

Erased on account of

|          |   |   |   |   |   |   |   |   |            |
|----------|---|---|---|---|---|---|---|---|------------|
| Removals | . | . | . | . | . | . | . | 3 |            |
| Death    | . | . | . | . | . | . | . | 1 | 4          |
| Total    | . | . | . | . | . | . | . |   | <u>130</u> |

## JURORS DRAWN DURING THE YEAR.

Feb. 28. George A. Mansfield.  
 Augustus H. Heath.  
 May 21. William Dempsey.  
 William E. Gould.  
 Oct. 15. George H. Ricker.  
 Deering P. Merrill.

## MILITARY LIST.

Number of persons liable to do military duty,  
 as reported by the assessors . . . . 1492

## DOG LICENSES.

|                                      |   |   |   |   |   |   |                   |     |
|--------------------------------------|---|---|---|---|---|---|-------------------|-----|
| Total number issued                  | . | . | . | . | . | . | .                 | 561 |
| For males                            | . | . | . | . | . | . | 500               |     |
| “ females                            | . | . | . | . | . | . | 59                |     |
|                                      |   |   |   |   |   |   | <u>559</u>        |     |
| Breeders' licenses                   | . | . | . | . | . | . | 2                 | 561 |
| Issued to E. H. Moore, one at        | . | . | . | . | . | . | \$50.00           |     |
| George H. Snowden, one at            | . | . | . | . | . | . | 25.00             |     |
| Paid county treasurer, June 1, 1889, | . | . | . | . | . | . | \$725.40          |     |
| “ “ “ Nov. 25, 1889,                 | . | . | . | . | . | . | 532.40            |     |
|                                      |   |   |   |   |   |   | <u>\$1,257.80</u> |     |
| Increase in receipts over last year  | . | . | . | . | . | . | \$97.80           |     |

Number of orders drawn upon the town treasurer, on bills approved by the selectmen, as required by section 4, article 2, town by-laws, 2,997, for the sum of \$91,260.30.

Respectfully submitted,

JOHN LARRABEE, *Town Clerk.*



# FINANCIAL STATEMENT.

## SUPPORT OF SCHOOLS.

### TEACHERS' SALARIES.

|                                          |            |
|------------------------------------------|------------|
| Alonzo G. Whitman (High School), 10 mos. | \$2,000 00 |
| A. A. Ballou, " "                        | 800 00     |
| Clarimond Mansfield, " "                 | 625 00     |
| Hattie G. Ricker, " "                    | 625 00     |
| Harriet C. Fairbanks (First Grammar), "  | 1,000 00   |
| Effie C. Sweetser, 4 mos. . . . .        | 220 00     |
| Mary W. French, 6 mos. . . . .           | 330 00     |
| Lucy W. Bisbee, 4 mos. . . . .           | 240 00     |
| Alice M. Swett, 9 mos. . . . .           | 540 00     |
| " " " 1 mo. . . . .                      | 65 00      |
| Lydia Mendum, 2 mos. . . . .             | 110 00     |
| " " 8 mos. . . . .                       | 480 00     |
| Susan D. Melcher, 10 mos. . . . .        | 550 00     |
| Helen J. Barrett, 6 mos. . . . .         | 330 00     |
| Louise E. Sanborn, 3 mos., 1 wk. . . . . | 178 75     |
| Emma F. Brown, 3 wks. . . . .            | 41 25      |
| Mary J. George, 10 mos. . . . .          | 500 00     |
| Kate W. Bascom, " . . . .                | 510 00     |
| Belle Mitchel, " . . . .                 | 500 00     |
| Lillie J. Davis, " . . . .               | 500 00     |
| Alma J. Guptill, " . . . .               | 500 00     |
| Effie C. Sweetser, 6 mos. . . . .        | 330 00     |

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*Amount carried forward,* . . . . \$10,975 00

|                                        |   |   |   |             |
|----------------------------------------|---|---|---|-------------|
| <i>Amount brought forward,</i>         | . | . | . | \$10,975 00 |
| Alice H. Long, 10 mos.                 | . | . | . | 500 00      |
| Emma A. Weeks, "                       | . | . | . | 450 00      |
| Mary A. Plummer, "                     | . | . | . | 450 00      |
| Lucy F. Dermot, "                      | . | . | . | 500 00      |
| Isabel Chapin, "                       | . | . | . | 500 00      |
| Della H. Crosby, 6 mos.                | . | . | . | 300 00      |
| Mary I. Hersey, 2 mos., 2 wks., 2 dys. | . | . | . | 130 00      |
| Amelia Trowbridge, 1½ mos.             | . | . | . | 67 50       |
| Gertrude Smith, 6 mos., 6 dys.         | . | . | . | 283 50      |
| Della H. Crosby, 3 mos., 2½ wks.       | . | . | . | 181 50      |
| Mary E. Nye, 9 mos.                    | . | . | . | 405 00      |
| Emma L. Randlett, 10 mos.              | . | . | . | 500 00      |
| Annie M. Ransom, "                     | . | . | . | 450 00      |
| Annie B. Chadbourne, 2 mos.            | . | . | . | 90 00       |
| " " " 8 mos.                           | . | . | . | 400 00      |
| Marion H. Morgan, 10 mos.              | . | . | . | 450 00      |
| Florence M. Perry, "                   | . | . | . | 450 00      |
| Florence M. Ellis, "                   | . | . | . | 500 00      |
| Elizabeth Creveling (drawing), 4 mos.  | . | . | . | 140 00      |
| Wallace Bryant " 6 mos.                | . | . | . | 135 00      |
| Harry Benson (music), 3 mos.           | . | . | . | 105 00      |
| " " " 7 mos.                           | . | . | . | 280 00      |
|                                        |   |   |   | <hr/>       |
|                                        |   |   |   | \$18,242 50 |

## JANITORS' SALARIES.

|                                                                            |            |
|----------------------------------------------------------------------------|------------|
| F. M. McLaughlin, High School building, 1 mo.                              | \$27 00    |
| W. J. Boyce, " " 11 mos.                                                   | 297 00     |
| Chas. H. Fuller, Franklin " " 1 yr.                                        | 234 97     |
| Felix Blanchard, Vinton street building and Grove street building, 2 mos.  | 87 50      |
| Felix Blanchard, Vinton street building and Grove street building, 10 mos. | 500 00     |
|                                                                            | <hr/>      |
| <i>Amount carried forward,</i>                                             | \$1,146 47 |

## FINANCIAL STATEMENT.

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|                                    |  |            |
|------------------------------------|--|------------|
| <i>Amount brought forward,</i>     |  | \$1,146 47 |
| Eri Upham, Upham street, 1 yr.     |  | 60 00      |
| Joseph S. Emerson, Fells, 1 yr.    |  | 99 96      |
| W. F. Serrat, Lynde street, 4 mos. |  | 20 00      |
| “ “ “ “ 8 mos.                     |  | 66 64      |
| John Davis, Ripley, 1 yr.          |  | 60 00      |
| William Boyd, Highlands, 3 mos.    |  | 15 00      |
|                                    |  | <hr/>      |
|                                    |  | \$1,468 07 |

## SCHOOL COMMITTEE'S SALARIES, 1889-90.

|                          |  |          |
|--------------------------|--|----------|
| John O. Norris, chairman |  | \$200 00 |
| Charles F. Loring        |  | 50 00    |
| John C. Maker            |  | 50 00    |
| Mrs. S. W. Bradbury      |  | 50 00    |
| “ A. K. Miller           |  | 50 00    |
| “ A. B. P. Waterhouse    |  | 50 00    |
|                          |  | <hr/>    |
|                          |  | \$450 00 |

## SCHOOL SUPPLIES.

|                                       |  |          |
|---------------------------------------|--|----------|
| Mrs. A. K. Miller, distributing agent |  | \$125 04 |
|---------------------------------------|--|----------|

## FUEL.

|                              |  |            |
|------------------------------|--|------------|
| S. E. Benson, coal and wood  |  | \$1,125 65 |
| C. B. & F. H. Goss, coal     |  | 749 20     |
| J. McCarthy's Sons, charcoal |  | 21 25      |
| John McCarty “               |  | 12 50      |
|                              |  | <hr/>      |
|                              |  | \$1,908 60 |

## RECAPITULATION.

|                                |  |             |
|--------------------------------|--|-------------|
| Teachers' salaries             |  | \$18,242 50 |
| Janitors' “                    |  | 1,468 07    |
|                                |  | <hr/>       |
| <i>Amount carried forward,</i> |  | \$19,710 57 |

|                                |   |   |   |   |             |
|--------------------------------|---|---|---|---|-------------|
| <i>Amount brought forward,</i> | . | . | . | . | \$19,710 57 |
| Committee's salaries           | . | . | . | . | 450 00      |
| Supply agent, salary           | . | . | . | . | 125 04      |
| Fuel                           | . | . | . | . | 1,908 60    |
|                                |   |   |   |   | <hr/>       |
|                                |   |   |   |   | \$22,194 21 |

## CONTRA.

|                                  |             |             |
|----------------------------------|-------------|-------------|
| Appropriation March 11, 1889     | \$23,000 00 |             |
| Unexpended balance, 1888         | 8 85        |             |
| Rec'd from Commonwealth of Mass. | 39 87       |             |
|                                  | <hr/>       |             |
|                                  | \$23,048 72 |             |
| Unexpended balance               |             | 854 51      |
|                                  |             | <hr/>       |
|                                  |             | \$23,048 72 |

## SCHOOL CONTINGENT EXPENSES.

## EXPENDED.

*Books, Stationery, Supplies, Etc.*

|                               |   |   |   |   |         |
|-------------------------------|---|---|---|---|---------|
| Interstate Publishing Company | . | . | . | . | \$11 30 |
| George S. Perry               | . | . | . | . | 58 52   |
| D. Appleton & Co.             | . | . | . | . | 20 87   |
| Thompson, Brown & Co.         | . | . | . | . | 27 11   |
| Oliver Ditson & Co.           | . | . | . | . | 22 77   |
| Willard Small                 | . | . | . | . | 3 00    |
| The Prang Educational Company | . | . | . | . | 15 52   |
| Frost & Adams                 | . | . | . | . | 2 50    |
| A. S. Barnes & Co.            | . | . | . | . | 23 04   |
| George F. King & Merrill      | . | . | . | . | 107 55  |
| Pulsifer, Jordan & Pfaff      | . | . | . | . | 98 40   |
| D. C. Heath & Co.             | . | . | . | . | 44 69   |
|                               |   |   |   |   | <hr/>   |

*Amount carried forward,* . . . . \$435 27

|                                |  |          |
|--------------------------------|--|----------|
| <i>Amount brought forward,</i> |  | \$435 27 |
| Cassell & Co.                  |  | 56 00    |
| A. A. Waterman & Co.           |  | 13 97    |
| Ginn & Co.                     |  | 22 72    |
| Van Antwerp, Bragg & Co.       |  | 16 80    |
| Carl Schoenhof                 |  | 28 68    |
| A. C. Stockin                  |  | 73 93    |
| Leach, Shewell & Sanborn       |  | 260 21   |
| White, Smith & Co.             |  | 3 00     |
| Houghton, Mifflin & Co.        |  | 11 31    |
| Wallace Bryant                 |  | 4 50     |
| William Ware & Co.             |  | 16 98    |
| J. L. Hammett                  |  | 51 90    |
| Maynard & Noyes                |  | 18 75    |
| Western Publishing House       |  | 30 00    |
| Charles H. Kilborn             |  | 8 75     |
| Silver, Burdett & Co.          |  | 3 00     |
| Edward E. Babb & Co.           |  | 12 40    |
| Robert Burlen                  |  | 57 90    |
| Boston School Supply Company   |  | 52 38    |
| E. H. Butler & Co.             |  | 316 98   |
| Charles R. Magee               |  | 50       |
| F. M. Ambrose                  |  | 19 35    |

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\$1,515 28

*General Repairs, Buildings, etc.*

*(Carpenters, Masons, Painters and others, Stock and Labor.)*

|                                   |  |          |
|-----------------------------------|--|----------|
| F. R. Spear & Co., painting       |  | \$106 80 |
| George W. Dew, " "                |  | 380 65   |
| William A. Fernald, steam fitting |  | 7 00     |
| J. L. Holbrook, repairs, plumbing |  | 6 07     |

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*Amount carried forward,* . . . . \$500 52

|                                            |            |
|--------------------------------------------|------------|
| <i>Amount brought forward,</i>             | \$500 52   |
| A. W. Lynde, loam and labor                | 10 25      |
| A. Burrell, painting and glazing           | 273 55     |
| Melrose Water Commissioners                | 22 35      |
| H. D. Trask & Co., repairs furnaces, etc.  | 342 36     |
| J. C. Howes, " " "                         | 45 06      |
| J. P. Deering, lumber                      | 12 48      |
| John Hunnewill, carpenter, stock and labor | 236 27     |
| O. E. Drown, " " "                         | ✓ 136 11   |
| W. Emery & Co., windows                    | 47 40      |
| James Rendall, carpenter                   | 17 58      |
| E. N. Sargent, "                           | 1 50       |
| D. R. Woodward, "                          | 33 05      |
| Perry Bros., hardware                      | 25 00      |
| W. A. Caswell, glazing                     | 6 60       |
| L. M. Ham & Co., fire escape               | 141 81     |
| Town of Melrose, sidewalk, 79.8 yards      | 11 97      |
| Edwin Rogers, signal box 44                | 35 00      |
| J. N. Patterson, whitening and repairs     | 15 00      |
| R. Philpot, building bulkhead              | 23 00      |
| A. J. Wilkinson & Co., rubber strips       | 15 61      |
|                                            | <hr/>      |
|                                            | \$1,952 47 |

*Furniture.*

|                                     |          |
|-------------------------------------|----------|
| Thomas Trefry & Co.                 | \$34 67  |
| Winchester Furniture Company, desks | 169 00   |
| J. H. Gately, shades                | 9 00     |
|                                     | <hr/>    |
|                                     | \$212 67 |

*Printing.*

|                                         |       |
|-----------------------------------------|-------|
| Leonard F. Williams, advertisement      | 50    |
| Dunton & Potter, reports, notices, etc. | 38 00 |
| W. B. Howe, cards, etc.                 | 20 75 |
|                                         | <hr/> |

*Amount carried forward,* \$59 25

|                                |          |
|--------------------------------|----------|
| <i>Amount brought forward,</i> | \$59 25  |
| J. H. Daniels, diplomas        | 26 85    |
| Babb & Stephens, programmes    | 16 50    |
|                                | <hr/>    |
|                                | \$102 60 |

*Sundries.*

|                                            |          |
|--------------------------------------------|----------|
| Lappen Bros., brushes, dusters, etc..      | \$37 25  |
| Effie C. Sweetser, filling diplomas        | 7 70     |
| M. A. Bush, cleaning clocks                | 4 00     |
| G. P. Reed, 1 clock and cleaning           | 9 50     |
| R. Philpot, removing contents of cesspool  | 7 00     |
| W. E. Locke, labor, etc.                   | 1 50     |
| C. G. Harris, ribbon for diplomas          | 13 63    |
| F. A. H. Norcross, expressing              | 15       |
| S. O. Eldridge, expressing                 | 5 60     |
| W. J. Boyce, labor                         | 51 30    |
| Felix Blanchard, labor                     | 6 25     |
| Thomas Ireland, cleaning clocks            | 3 00     |
| Thomas T. Bailey, cleaning clocks          | 2 00     |
| C. W. Ellison, P. M., stamps               | 1 72     |
| J. F. Ramsay, tuning pianos                | 4 00     |
| Daniel M. White, tuning pianos             | 7 50     |
| L. T. Freeman, teaming settees             | 6 50     |
| Bugbee & Barrett, sundries                 | 1 35     |
| Thomas Cassell, manure                     | 6 00     |
| American Express Company                   | 55       |
| Eastman's Express                          | 26 50    |
| Cunningham's Express                       | 65       |
| Frost & Hawes, sundries                    | 1 03     |
| George W. Bartlett, teams                  | 11 00    |
| F. M. McLaughlin, services, truant officer | 5 00     |
| C. H. Fuller, labor                        | 5 25     |
|                                            | <hr/>    |
| <i>Amount carried forward,</i>             | \$225 93 |



|                                                                                  |   |   |   |   |          |
|----------------------------------------------------------------------------------|---|---|---|---|----------|
| <i>Amount brought forward,</i>                                                   | . | . | . | . | \$225 93 |
| Jacob Lehmann, tuning piano                                                      | . | . | . | . | 2 50     |
| Melrose Orchestral Club, services                                                | . | . | . | . | 20 00    |
| A. E. Worthen, taking tickets                                                    | . | . | . | . | 1 00     |
| Warren A. Rodman, preliminary sketches for<br>alteration of High School building | . | . | . | . | 75 00    |
| Walter C. Stevens, surveying                                                     | . | . | . | . | 4 00     |
| John Larrabee, chloride lime                                                     | . | . | . | . | 30       |
| L. W. Gilman, sundries                                                           | . | . | . | . | 77       |
| W. E. Gerry, sundries                                                            | . | . | . | . | 65       |
|                                                                                  |   |   |   |   | <hr/>    |
|                                                                                  |   |   |   |   | \$330 15 |

## RECAPITULATION.

|                                   |   |   |   |   |            |
|-----------------------------------|---|---|---|---|------------|
| Books, stationery, supplies, etc. | . | . | . | . | \$1,515 28 |
| General repairs                   | . | . | . | . | 1,952 47   |
| Furniture                         | . | . | . | . | 212 67     |
| Printing                          | . | . | . | . | 102 60     |
| Sundries                          | . | . | . | . | 330 15     |
|                                   |   |   |   |   | <hr/>      |
|                                   |   |   |   |   | \$4,113 17 |

*Contra.*

|                               |   |   |   |   |            |
|-------------------------------|---|---|---|---|------------|
| Appropriation, March 11, 1889 | . | . | . | . | \$3,500 00 |
| Balance unexpended, 1888      | . | . | . | . | 621 25     |
|                               |   |   |   |   | <hr/>      |
|                               |   |   |   |   | \$4,121 25 |
| Balance unexpended            | . | . | . | . | 8 08       |
|                               |   |   |   |   | <hr/>      |
|                               |   |   |   |   | \$4,121 25 |

## FIRE DEPARTMENT.

## EXPENDED.

*Contingent Expenses.*

|                                                                  |          |
|------------------------------------------------------------------|----------|
| Cornelius Callahan Co., 300 feet 2½ inch hose                    | \$180 00 |
| J. P. Deering, lumber . . . . .                                  | 8 48     |
| A. B. Pierce, distributing notices . . . . .                     | 5 00     |
| J. C. Howes, repairs and sundries . . . . .                      | 19 35    |
| J. M. Holbrook, pail, sponge and ladder . . . . .                | 2 03     |
| “ “ care of fire alarm . . . . .                                 | 40 00    |
| Edwin Rogers, repairs and supplies . . . . .                     | 40 15    |
| Edwin Rogers and W. E. Dacrow, repairs and<br>supplies . . . . . | 59 80    |
| Globe Electric Co., repairs and supplies . . . . .               | 13 00    |
| Eastman's Express . . . . .                                      | 1 65     |
| J. W. Emerson, trimming trees . . . . .                          | 2 00     |
| A. J. Morse & Son, nozzles, etc. . . . .                         | 7 38     |
| Lemuel Merrill, keys . . . . .                                   | 3 50     |
| John Singer, Jr., sundries . . . . .                             | 12 70    |
| W. A. Goodno, stock and labor . . . . .                          | 12 50    |
| Bugbee & Barrett, sundries . . . . .                             | 5 10     |
| Samuel Lear, cash paid for sundries . . . . .                    | 49 27    |
| W. T. Howard, care of Endeavor engine . . . . .                  | 5 00     |
| Cunningham's Express . . . . .                                   | 1 50     |
| Perry Bros., hardware . . . . .                                  | 3 25     |
| Walter B. Ellis, concreting . . . . .                            | 99 07    |
| Malden Firemen's Relief Fund, per vote of<br>town . . . . .      | 200 00   |

*Engineers, for Services.*

|                           |          |
|---------------------------|----------|
| A. W. Lynde . . . . .     | \$35 00  |
| Walter B. Ellis . . . . . | 35 00    |
| Samuel Lear . . . . .     | 35 00    |
|                           | <hr/>    |
|                           | \$105 00 |
|                           | <hr/>    |
|                           | \$875 73 |

*Liberty Bigelow Hook and Ladder Company, No. 1.*

## Services of men, 1 year.

|                                                |         |          |
|------------------------------------------------|---------|----------|
| William H. Stewart . . . . .                   | \$35 00 |          |
| John H. Edwards . . . . .                      | 35 00   |          |
| Josiah Tyzzer . . . . .                        | 35 00   |          |
| William A. Lynde . . . . .                     | 35 00   |          |
| Joseph Edwards . . . . .                       | 35 00   |          |
| Thomas B. Johnson . . . . .                    | 35 00   |          |
| David O. Parker . . . . .                      | 35 00   |          |
| F. M. McLaughlin (3 mos.) . . . . .            | 8 75    |          |
| J. E. Richardson (9 mos.) . . . . .            | 26 25   |          |
| Benjamin Ames . . . . .                        | 35 00   |          |
| Frank H. Tyzzer . . . . .                      | 35 00   |          |
| Joseph P. Roberts . . . . .                    | 35 00   |          |
| Charles Lakin . . . . .                        | 35 00   |          |
| Dexter Wiswell . . . . .                       | 35 00   |          |
| Thomas Kelly . . . . .                         | 35 00   |          |
| O. E. Drown (3 mos.) . . . . .                 | 8 75    | ✓        |
| W. J. Pulsifer (9 mos.) . . . . .              | 26 25   |          |
| W. A. Caswell (3 mos.) . . . . .               | 8 75    |          |
| Andrew McDonald . . . . .                      | 14 58   |          |
| Benjamin F. Perry . . . . .                    | 35 00   |          |
| Henry Robertson . . . . .                      | 35 00   |          |
| William E. Johnson . . . . .                   | 35 00   |          |
| H. H. Boerum . . . . .                         | 35 00   |          |
|                                                | <hr/>   | \$688 33 |
| W. A. Lynde, steward, 1 year . . . . .         | 40 00   |          |
| S. E. Benson, wood . . . . .                   | 1 75    |          |
| Joseph Edwards, repairing ladder, etc. . . . . | 2 05    |          |
| Harry Stevens, horses to fires . . . . .       | 41 00   |          |
|                                                | <hr/>   | 84 80    |
|                                                |         | <hr/>    |
|                                                |         | \$773 13 |

*Russell Hose Company No. 1.*

## Services of men, 1 year.

|                                       |         |          |
|---------------------------------------|---------|----------|
| J. M. Holbrook . . . . .              | \$35 00 |          |
| Harry R. Norton . . . . .             | 35 00   |          |
| J. Waldo Emerson . . . . .            | 35 00   |          |
| W. Truman Howard . . . . .            | 35 00   |          |
| Thomas J. Hawkes . . . . .            | 35 00   |          |
| Redford M. Rand . . . . .             | 35 00   |          |
| Thomas B. Stantial . . . . .          | 35 00   |          |
| George N. Bartlett . . . . .          | 35 00   |          |
| Arthur L. Upham . . . . .             | 35 00   |          |
| Alden B. Smith . . . . .              | 35 00   |          |
| George E. Burnham . . . . .           | 35 00   |          |
| S. A. Bartlett . . . . .              | 35 00   |          |
|                                       | <hr/>   | \$420 00 |
| W. T. Howard, steward, 1 year . . .   | 40 00   |          |
| Malden and Melrose Gas Light Co.,     |         |          |
| 12,800 cubic feet gas . . . . .       | 25 60   |          |
| Seth E. Benson, wood and coal . . .   | 87 25   |          |
| G. W. Bartlett, horses to fires . . . | 32 00   |          |
|                                       | <hr/>   | \$184 85 |
|                                       |         | <hr/>    |
|                                       |         | \$604 85 |

*N. D. Blake Hose Co., No 2.*

## Services of men, 1 year.

|                               |         |          |
|-------------------------------|---------|----------|
| Robert Gibbons, Jr. . . . .   | \$35 00 |          |
| Frank Gibbons . . . . .       | 35 00   |          |
| Frank Gibbons, Jr. . . . .    | 35 00   |          |
| J. R. Gibbons . . . . .       | 35 00   |          |
| William Fanley . . . . .      | 35 00   |          |
| Edward Stantial . . . . .     | 35 00   |          |
| Arthur H. Armington . . . . . | 35 00   |          |
| Fred. W. Simpson . . . . .    | 35 00   |          |
| W. H. Hutchinson . . . . .    | 29 17   |          |
| J. C. Sanborn. . . . .        | 17 50   |          |
| H. W. Simpson . . . . .       | 17 50   |          |
| Philip Buchanan . . . . .     | 35 00   |          |
| John M. Hamlin . . . . .      | 29 17   |          |
|                               | <hr/>   | \$408 34 |

|                                      |         |          |
|--------------------------------------|---------|----------|
| Frank Gibbons, 1 year . . . .        | \$40 00 | \$408 34 |
| L. W. Gilman, rent of rooms, 15 mos. | 187 50  |          |
| Malden and Melrose Gas Light Co.,    |         |          |
| 14,700 cubic feet of gas . . .       | 29 40   |          |
| Seth E. Benson, wood and coal . .    | 29 00   |          |
| James Marshall, " " " . . . .        | 26 88   |          |
| Joseph Edwards, iron and wood work   | 17 50   |          |
| Hose Co., paid for horses to fires . | 22 00   |          |
|                                      | <hr/>   | \$352 28 |
|                                      |         | <hr/>    |
|                                      |         | \$760 62 |

*Highlands Hose Company, No. 3.*

## Services of men, 1 year.

|                                       |         |          |
|---------------------------------------|---------|----------|
| Fred Churchill . . . . .              | \$35 00 |          |
| C. F. W. Fogg . . . . .               | 8 75    |          |
| Edwin F. Jones . . . . .              | 11 73   |          |
| Edward P. Fuller . . . . .            | 35 00   |          |
| George E. Fogg . . . . .              | 11 73   |          |
| Elmer Abbott . . . . .                | 35 00   |          |
| George E. Fuller . . . . .            | 35 00   |          |
| Frank Story . . . . .                 | 35 00   |          |
| Charles H. Fuller . . . . .           | 35 00   |          |
| L. D. Newhall . . . . .               | 35 00   |          |
| F. A. Hadley . . . . .                | 35 00   |          |
| J. H. Berry . . . . .                 | 17 50   |          |
| T. Porter . . . . .                   | 11 67   |          |
| George N. Cass . . . . .              | 5 84    |          |
| J. H. Cash . . . . .                  | 5 84    |          |
|                                       | <hr/>   | \$353 06 |
| G. E. Fogg, steward, 5 months . .     | \$13 33 |          |
| Frank Story, " 7 " . . . .            | 26 67   |          |
| J. Singer, Jr., sundries . . . .      | 9 45    |          |
| S. E. Benson, wood and coal . . .     | 51 75   |          |
| W. A. Caswell, glazing . . . .        | 90      |          |
| S. A. Robinson & Co., horses to fires | 22 00   |          |
|                                       | <hr/>   | \$124 10 |
|                                       |         | <hr/>    |
|                                       |         | \$477 16 |

## RECAPITULATION.

|                                       |            |
|---------------------------------------|------------|
| Contingent expenses . . . .           | \$875 73   |
| Liberty Bigelow H. & L. Company No. 1 | 773 13     |
| Russell Hose Company No. 1 . .        | 604 85     |
| N. D. Blake Hose Company No. 2 .      | 760 62     |
| Highland Hose Company No. 3 . .       | 477 16     |
|                                       | <hr/>      |
|                                       | \$3,491 49 |

*Contra.*

|                                     |            |            |
|-------------------------------------|------------|------------|
| Appropriation, Mar. 18, 1889 .      | \$3,385 00 |            |
| Amount voted Malden fire dept. 1888 | 100 00     |            |
| Balance from last year . .          | 7 61       |            |
| Balance unexpended . . .            | I 12       |            |
|                                     | <hr/>      | <hr/>      |
|                                     | \$3,492 61 | \$3,492 61 |

## SUPPORT OF POOR.

*For Groceries, Provisions, Supplies, Etc.*

|                               |            |
|-------------------------------|------------|
| L. F. Hinckley . . . . .      | \$612 89   |
| Bugbee & Barrett . . . . .    | 134 84     |
| L. W. Gilman . . . . .        | 74 81      |
| W. H. Wells . . . . .         | 39 00      |
| Warren C. Pierce . . . . .    | 30 59      |
| George U. Barker . . . . .    | 68 76      |
| W. E. Gerry . . . . .         | 42 41      |
| Worthen & Goodridge . . . . . | 328 88     |
| A. E. Gates . . . . .         | 24 00      |
| A. E. Reekie, milk . . . . .  | 23 19      |
| A. G. Worthen, " . . . . .    | 10 71      |
| F. W. Favor, " . . . . .      | 3 78       |
| S. O. Eldridge . . . . .      | 12 00      |
| Frank Gibbons . . . . .       | 6 00       |
| J. A. Dill, bread . . . . .   | 86 89      |
|                               | <hr/>      |
|                               | \$1,498 75 |

*For Support of Insane.*

|                                                    |            |
|----------------------------------------------------|------------|
| Worcester Lunatic Hospital . . . . .               | \$338 92   |
| Commonwealth of Mass. (Danvers Hospital) . . . . . | 273 92     |
| Danvers Lunatic Hospital . . . . .                 | 876 82     |
| Westboro' Insane Hospital . . . . .                | 76 14      |
| Worcester Insane Asylum . . . . .                  | 41 32      |
| Northampton Lunatic Hospital . . . . .             | 90 69      |
|                                                    | <hr/>      |
|                                                    | \$1,697 81 |

*Burial Expenses.*

|                          |          |
|--------------------------|----------|
| A. B. Pierce . . . . .   | \$144 00 |
| John H. Gately . . . . . | 21 00    |
|                          | <hr/>    |
|                          | \$165 00 |

*Fuel.*

|                              |          |
|------------------------------|----------|
| James Marshall . . . . .     | \$101 59 |
| W. E. Locke . . . . .        | 7 50     |
| C. B. & F. H. Goss . . . . . | 97 86    |
| S. E. Benson . . . . .       | 178 31   |
|                              | <hr/>    |
|                              | \$385 26 |

*Medical Attendance, Medicines and Nursing.*

|                                                   |         |
|---------------------------------------------------|---------|
| F. H. Morse, M.D., attendance . . . . .           | \$28 00 |
| A. M. Selee, " " . . . . .                        | 10 00   |
| E. S. Jack, " " . . . . .                         | 17 00   |
| C. E. Prior, " " . . . . .                        | 32 00   |
| J. S. Clark, " " (1888 and 1889) . . . . .        | 69 00   |
| Estate of J. V. Smith, M.D., attendance . . . . . | 57 43   |
| John Larrabee, medicines . . . . .                | 33 99   |
| J. H. Draper, " . . . . .                         | 6 13    |
| Jane Kingston, nursing . . . . .                  | 25 00   |
| A. M. Babcock, " . . . . .                        | 20 00   |
|                                                   | <hr/>   |

*Amount carried forward, . . . . .* \$298 55



*Amount brought forward,* . . . . \$298 55

J. G. Emerson, care of sick . . . . 10 00

✓ O. E. Drown, " " . . . . 7 00

R. M. Rand, " " . . . . 4 00

M. W. Howard, " " . . . . 22 14

Mrs. Annie E. Giles, " " . . . . 16 57

Mrs. C. A. Day, " " . . . . 49 42

Joshua Ford, " " . . . . 16 00

C. E. Ford, " " . . . . 23 43

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\$447 11

*Outside Relief.*

Town of Methuen . . . . . \$15 00

City of Lynn . . . . . 10 75

Boston . . . . . 172 60

Malden . . . . . 409 42

Brockton . . . . . 147 20

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\$754 97

*Board and Clothing.*

St. Vincent's Asylum . . . . . \$36 00

E. J. Barron, 1 year . . . . . 156 00

S. M. McLoon, 25 weeks 6 days . . . . 77 59

Mary Clark, 26 " 2 " . . . . 78 88

Massachusetts School for Feeble-Minded.

Board 1 year . . . . . \$169 43

Clothing 1 year . . . . . 14 38 183 81

Mary D. Gibbs, 53 weeks . . . . . 106 00

H. M. Phillips, 13 " . . . . . 52 00

C. S. Jones, 6 " . . . . . 24 00

" 42 " and 5 days . . . . . 128 16

Kate Gallagher, 52 weeks . . . . . 104 00

George A. Bisbee, 27 weeks and 2 days . . . . 88 67

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\$1,035 11

*Rents.*

|                                          |          |
|------------------------------------------|----------|
| B. R. Upham, 37 weeks . . . . .          | \$55 50  |
| John E. McGlinn, 13 months . . . . .     | 104 00   |
| M. D. Brooks, 14 months . . . . .        | 70 00    |
| C. O. Stickney, 3 months . . . . .       | 18 00    |
| John W. Cobb, 1 year . . . . .           | 48 00    |
| H. A. Leonard, 10 months . . . . .       | 120 00   |
| Chas. A. Larrabee, 11 months . . . . .   | 143 00   |
| George W. Farnsworth, 4 months . . . . . | 32 00    |
|                                          | <hr/>    |
|                                          | \$590 50 |

*Sundries.*

|                                                    |          |
|----------------------------------------------------|----------|
| Isabella Nelson, cash allowance . . . . .          | \$45 00  |
| J. C. Howes, range . . . . .                       | 15 10    |
| O. E. Drown, care of insane and expenses . . . . . | 13 22    |
| Manning Bros., dry goods . . . . .                 | 9 13     |
| C. G. Harris, " . . . . .                          | 4 94     |
| Hurd & Balfour, " . . . . .                        | 33 32    |
| H. G. Fields, boots and shoes . . . . .            | 299 62   |
| " cash and expenses . . . . .                      | 6 70     |
| Samuel Tilden & Son, printing order book . . . . . | 8 00     |
| George W. Bartlett, teams . . . . .                | 10 00    |
| Eastman's Express . . . . .                        | 4 00     |
|                                                    | <hr/>    |
|                                                    | \$449 03 |

## RECAPITULATION.

|                                     |            |
|-------------------------------------|------------|
| Groceries, provisions, etc. . . . . | \$1,498 75 |
| Insane, support of . . . . .        | 1,697 81   |
| Burial expenses . . . . .           | 165 00     |
| Fuel . . . . .                      | 385 26     |
| Medical attendance, etc. . . . .    | 447 11     |
| Outside relief . . . . .            | 754 97     |
| Board and clothing . . . . .        | 1,035 11   |
| Rents . . . . .                     | 590 50     |
| Sundries . . . . .                  | 449 03     |
|                                     | <hr/>      |
|                                     | \$7,023 54 |

## FINANCIAL STATEMENT.

85

*Amount brought forward,* . . . . \$7,023 54

## CONTRA.

March 11, 1889. Appropriation . \$5,000 00  
 Unexpended balance . . 175 99

## RECEIPTS.

Estate of Peter Edgerly . . . 83 57  
 E. M. Marshall, guardian . . . 85 42  
 City of Malden . . . 48 00  
 " Boston . . . 10 28  
 Town of Middleton . . . 325 65  
 " Rockland . . . 69 00  
 " Wenham . . . 260 67  
 Commonwealth of Massachusetts . 77 96

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\$6,136 54

Nov. 9, 1889. Appropriation (addit'l) 1,000 00

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\$7,136 54

To credit of fund . . . . 113 00

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\$7,136 54

## HIGHWAYS.

## EXPENDED.

*For Labor and Teams.*

Prices paid per day: Superintendent, \$2.50; Laborers, \$1.76;  
Teams, \$1.50.

For labor performed under direction of James Marshall, as superintendent, pay rolls have been presented and paid as follows:

| <i>For Superintendent</i> |           |          | <i>For Teams</i> |            | <i>For Laborers</i> |            |
|---------------------------|-----------|----------|------------------|------------|---------------------|------------|
| Month.                    | No. Days. | Amount.  | No. Days.        | Amount.    | No. Days.           | Amount.    |
| Jan.                      | 3         | \$7 50   | 12               | \$18 00    | 24                  | \$42 24    |
| "                         | 6         | 15 00    | 9                | 13 50      | 21                  | 36 96      |
| Feb.                      | 2         | 5 00     | 7½               | 11 25      | 5½                  | 9 68       |
| March                     | 2         | 5 00     | 8                | 12 00      | 16                  | 28 16      |
| "                         | 5¾        | 14 37    | 12               | 18 00      | 30½                 | 53 68      |
| April                     | 10        | 25 00    | 50               | 75 00      | 101¾                | 179 08     |
| "                         | 13        | 32 50    | 92               | 138 00     | 213½                | 375 76     |
| May                       | 13        | 32 50    | 79               | 118 50     | 269                 | 473 44     |
| "                         | 10¼       | 25 62    | 81½              | 122 25     | 217                 | 381 92     |
| June                      | 12¼       | 30 62    | 102              | 153 00     | 244                 | 429 44     |
| "                         | 11        | 27 50    | 66               | 99 00      | 213                 | 374 88     |
| July                      | 11½       | 28 75    | 40½              | 60 75      | 185¼                | 326 03     |
| "                         | 13        | 32 50    | 53               | 79 50      | 224                 | 394 25     |
| Aug.                      | 12        | 30 00    | 38½              | 57 75      | 145¾                | 256 52     |
| "                         | 13½       | 33 75    | 28½              | 42 75      | 160¼                | 282 04     |
| Sept.                     | 9½        | 23 75    | 21               | 31 50      | 112                 | 197 12     |
| "                         | 11½       | 28 75    | 20½              | 30 75      | 161½                | 284 24     |
| Oct.                      | 12        | 30 00    | 33               | 49 50      | 160¼                | 282 04     |
| Nov.                      | 13        | 32 50    | 28½              | 42 75      | 114                 | 200 64     |
| "                         | 11½       | 28 75    | 22¼              | 33 38      | 114¼                | 201 08     |
| 195¾                      |           | \$489 36 | 804¾             | \$1,207 13 | 2,732½              | \$4,809 20 |

Under direction of Calvin Locke and Charles Boardman:

| —For Laborers—                                       |           |             |  | —For Teams— |       |          |  |
|------------------------------------------------------|-----------|-------------|--|-------------|-------|----------|--|
| April,                                               | 35½ days, | \$62 48.    |  | 18          | days, | \$27 00  |  |
| “                                                    | 59½ “     | 104 72.     |  | 32          | “     | 48 00    |  |
| May,                                                 | 58½ “     | 102 96.     |  | 29          | “     | 43 50    |  |
| “                                                    | 74¾ “     | 131 56.     |  | 31¼         | “     | 46 87    |  |
| June,                                                | 76¼ “     | 134 20.     |  | 32½         | “     | 48 75    |  |
| “                                                    | 18¾ “     | 33 00.      |  | 9½          | “     | 14 25    |  |
| July,                                                | 38½ “     | 67 76.      |  | 17          | “     | 25 50    |  |
| “                                                    | 78¾ “     | 138 60.     |  | 24¾         | “     | 37 12    |  |
| Aug.,                                                | 61½ “     | 108 24.     |  | 15          | “     | 22 50    |  |
| “                                                    | 49¼ “     | 86 68.      |  | 19          | “     | 28 50    |  |
| Sept.,                                               | 57½ “     | 101 20.     |  | 15½         | “     | 23 25    |  |
| “                                                    | 42½ “     | 74 80.      |  | 17½         | “     | 26 25    |  |
| Nov.,                                                | 63½ “     | 111 76.     |  | 22          | “     | 33 00    |  |
| 714¾                                                 |           | \$1,257 96. |  | 283         |       | \$424 49 |  |
| Paid Calvin Locke, for services, 100½ days at \$2.25 |           |             |  |             |       |          |  |
| per day . . . . .                                    |           |             |  |             |       | \$226 09 |  |
| For laborers furnished, 57½ days at \$1.76 per day,  |           |             |  |             |       | 101 20   |  |
| For teams, 100 days at \$1.50 per day. . . . .       |           |             |  |             |       | 149 99   |  |
|                                                      |           |             |  |             |       | \$477 28 |  |

*For Gravel.*

|                                      |              |          |          |
|--------------------------------------|--------------|----------|----------|
| Frank Gibbons.....                   | 260 loads at | 5 cents, | \$13 00  |
| Josiah H. Currier.....               | 68           | " 10 "   | 6 80     |
| Boston & Maine R. R. Co..            | 2,685        | " 5 "    | 134 25   |
| E. H. Russell.....                   | 15           | " 10 "   | 1 50     |
| Luther P. Whipple.....               | 104          | " 8 "    | 8 32     |
| John W. Hunnewill, agent..           | 600          | " 10 "   | 60 00    |
| Eri Upham.....                       | 25           | " 10 "   | 2 50     |
| William N. Folsom.....               | 100          | " 5 "    | 5 00     |
| William N. Folsom.....               | 655          | " 10 "   | 65 50    |
| G. W. Farnsworth, agent...           | 531          | " 10 "   | 53 10    |
| George W. Chipman.....               | 80           | " 10 "   | 8 00     |
| A. W. Lynde (carted and spread)..... | 105          | " 30 "   | 31 50    |
| W. B. Ellis (carted and spread)..... | 960          | " 30 "   | 288 00   |
| Total.....                           | 6,193        |          | \$677 47 |

*Sundries.*

|                                                                                      |          |
|--------------------------------------------------------------------------------------|----------|
| Ames Plow Co., shovels . . . . .                                                     | \$10 26  |
| Perrin Seamans & Co., post spoon shovels . . . . .                                   | 1 95     |
| Joseph Edwards, repairs on snow scraper . . . . .                                    | 7 65     |
| A. Burrell, glazing . . . . .                                                        | 2 50     |
| J. P. Deering, lumber, . . . . .                                                     | 63 50    |
| George W. Sampson, forcite and caps . . . . .                                        | 16 61    |
| Fuller, Dana & Fitz, drills and hammers . . . . .                                    | 19 08    |
| J. O. Chandler, sharpening tools . . . . .                                           | 34 90    |
| A. McBeth, " " . . . . .                                                             | 12 50    |
| J. P. Wood, " " . . . . .                                                            | 2 10     |
| H. C. Richardson, watering streets . . . . .                                         | 12 00    |
| C. B. & F. H. Goss, drain pipe . . . . .                                             | 11 97    |
| Bugbee & Barrett, sundries (tools, nails, powder) . . . . .                          | 17 32    |
| J. H. Berry, rolling streets . . . . .                                               | 2 50     |
| S. E. Benson, cement and sleepers . . . . .                                          | 10 80    |
| Harry Stevens, expressing . . . . .                                                  | 1 10     |
| Walter B. Ellis, clearing snow . . . . .                                             | 19 50    |
| A. W. Lynde, " " . . . . .                                                           | 9 78     |
| William Story, labor and team . . . . .                                              | 8 47     |
| Robert Philpot, labor, teams and gravel on High-<br>land and Pratt streets . . . . . | 143 75   |
| Walter B. Ellis, labor and team . . . . .                                            | 2 38     |
|                                                                                      | <hr/>    |
|                                                                                      | \$410 62 |

*Orris Street.*

|                                                               |          |
|---------------------------------------------------------------|----------|
| John Duff, building street, as per contract . . . . .         | \$385 00 |
| Charles F. Jefts, land damages, 1,999 feet at 10 cts. . . . . | 199 90   |
| Wm. H. Greenleaf, land damages, 868 feet at 10 cts. . . . .   | 86 80    |
|                                                               | <hr/>    |
|                                                               | \$671 70 |

*Surveying.*

|                                                                                                                                                                                                                                                                                                                 |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Walter C. Stevens, surveys, plans, specifications,<br>contracts and establishing grades for First,<br>Sixth, Eighth, Eleventh, Batchelder, Russell,<br>Adams, Pratt, Cliff, Highland, Botolph, Vin-<br>ton, Orris, Gooch and other streets; also,<br>Bellevue and Woodland avenues and Walton<br>Park . . . . . | \$262 00 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|

## RECAPITULATION.

*Labor and teams.*

Under superintendence of James Marshall.

|                                        |            |
|----------------------------------------|------------|
| Laborers, 2,732½ days @ \$1 76 . . . . | \$4,809 20 |
| Teams, 804¾ " @ \$1 50 . . . .         | 1,207 13   |
| Supt., 195¾ " @ \$2 50 . . . .         | 489 36     |

Under direction of Calvin Locke and  
Charles Boardman.

|                                              |          |
|----------------------------------------------|----------|
| Laborers, 714¾ days @ \$1 76 . . . .         | 1,257 96 |
| " 57½ " " " . . . .                          | 101 20   |
| Teams, 283 " " 1 50 . . . .                  | 424 49   |
| " 100 " " 1 50 . . . .                       | 149 99   |
| Calvin Locke, services, 100½ days @ 2 25 . . | 226 09   |

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 \$8,665 42

|                                             |        |
|---------------------------------------------|--------|
| Gravel, 6,193 loads . . . . .               | 677 47 |
| Sundries . . . . .                          | 410 62 |
| Orris street, building and land damages . . | 671 70 |
| Walter C. Stevens, surveying . . . . .      | 262 00 |

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 \$10,687 21



## CONTRA.

## Appropriations.

|                                    |                           |            |
|------------------------------------|---------------------------|------------|
| March 11, 1889.                    | Highways . . . . .        | \$7,000 00 |
|                                    | Bellevue avenue extension | 300 00     |
|                                    | Batchelder street . . .   | 200 00     |
|                                    | Sylvan " . . . . .        | 500 00     |
|                                    | Eleventh " . . . . .      | 100 00     |
|                                    | Sixth " . . . . .         | 200 00     |
|                                    | First " extension         | 100 00     |
|                                    |                           | <hr/>      |
|                                    |                           | \$8,400 00 |
| Balance unexpended, 1888 . . . . . |                           | 55         |

*Receipts.*

|                                                    |            |
|----------------------------------------------------|------------|
| W. N. Folsom, for labor, etc. . . . .              | \$54 72    |
| J. C. Pulsifer, 275 loads filling @ 15 cents . . . | 41 25      |
| A. W. Dunton, 100 " " " " . . .                    | 15 00      |
| C. W. Higgins, for payment of land damages .       | 86 80      |
|                                                    | <hr/>      |
|                                                    | \$8,598 32 |

Treasurer authorized to borrow and selectmen to expend, by vote of the town, the expense for all of which has been paid from this department.

|                                         |          |             |
|-----------------------------------------|----------|-------------|
| Sylvan and Batchelder streets . . . . . | \$600 00 |             |
| Third street . . . . .                  | 300 00   |             |
| Upham street sidewalk . . . . .         | 350 00   |             |
| Mt. Vernon street drain . . . . .       | 150 00   |             |
| Highways, additional . . . . .          | 500 00   |             |
| Third street, grading . . . . .         | 200 00   | 2,100 00    |
|                                         | <hr/>    |             |
|                                         |          | \$10,698 32 |
| Balance to credit of fund . . . . .     | \$11 11  |             |

## SIDEWALKS.

Price paid for concrete, as per contract, awarded to lowest bidder: Sidewalks, 28 cents; crossings, 32 cents; gutters, 30 cents; top dressing, 12 cents; tar wash, 5 cents, per square yard; grading, 2 cents per square yard, for walks, crossings and gutters.

## EXPENDED.

|                                                                                      |            |
|--------------------------------------------------------------------------------------|------------|
| C. L. Hoffman, for laying 5,535.4 yards at 30 cents<br>(including grading) . . . . . | \$1,660 63 |
| For laying 484.2 yards at 28 cents . . . . .                                         | 135 58     |
| For top dressing, 415.15 yards at 12 cents . . . . .                                 | 498 20     |
| For patching . . . . .                                                               | 60         |
|                                                                                      | <hr/>      |
|                                                                                      | \$2,295 01 |

*Sundries.*

Walter B. Ellis, setting edgestone.

|                                                                                                       |          |
|-------------------------------------------------------------------------------------------------------|----------|
| Corner Vinton and Emerson streets . . . . .                                                           | \$15 00  |
| Winthrop, Willow, Essex and Lebanon<br>streets, 462 feet at 10 cents per foot . . . . .               | 46 20    |
| Corner Wyoming avenue and Main street,<br>200 feet at 10 cents per foot . . . . .                     | 20 00    |
| Main street, opposite M. E. Church, 145<br>feet at 10 cents per foot . . . . .                        | 14 50    |
| Walter B. Ellis, one-half expense of lay-<br>ing 286 yards concrete at 30 cents per<br>yard . . . . . | 42 90    |
|                                                                                                       | <hr/>    |
|                                                                                                       | \$138 60 |

Robert Philpot, setting edgestone.

|                                                            |         |
|------------------------------------------------------------|---------|
| Hillside avenue, 86 feet at 10 cents per<br>foot . . . . . | \$8 60  |
| Cedar Park, 170.6 feet at 10 cents per<br>foot . . . . .   | 17 05   |
| Blasting rocks (Cedar Park) . . . . .                      | 5 00    |
|                                                            | <hr/>   |
|                                                            | \$30 65 |

*Amount carried forward,* . . . . . \$2,464 26

|                                    |   |   |   |   |            |
|------------------------------------|---|---|---|---|------------|
| <i>Amount brought forward,</i>     | . | . | . | . | \$2,464 26 |
| Walter C. Stevens, surveying walks | . | . | . | . | \$98 00    |
| Daniel McDonald, granite step      | . | . | . | . | 2 00       |

*For Labor and Teams.*

|                                   |   |   |   |                |
|-----------------------------------|---|---|---|----------------|
| Superintendent, 8½ days at \$2.50 | . | . | . | \$21 25        |
| Teams, 8½ days at \$1.50          | . | . | . | 12 75          |
| Laborers, 27½ days at \$1.76      | . | . | . | 48 40          |
|                                   |   |   |   | <u>\$82 40</u> |
|                                   |   |   |   | \$2,646 66     |

*Contra.*

|                                                                                                       |   |   |   |                   |
|-------------------------------------------------------------------------------------------------------|---|---|---|-------------------|
| Appropriation, March 11, 1889                                                                         | . | . | . | \$2,000 00        |
| Unexpended balance, 1888                                                                              | . | . | . | 6 60              |
| Received from owners or occupants of<br>abutting estates for one-half ex-<br>pense of laying concrete | . | . | . | 651 26            |
|                                                                                                       |   |   |   | <u>\$2,657 86</u> |
| Balance unexpended                                                                                    | . | . | . | \$11 20           |
|                                                                                                       |   |   |   | <u>\$2,657 86</u> |

Bills are due for concrete laid during the year, which if unpaid May 1, will be assessed upon the estates with the taxes of 1890, as follows :

|                                                                 |   |   |   |                 |
|-----------------------------------------------------------------|---|---|---|-----------------|
| O. E. Hawes, Second street, 46.4 yards                          | . | . | . | \$6 96          |
| Dexter Bryant, Emerson street, 65.6 yards                       | . | . | . | 9 84            |
| Sarah E. Paine, " " 69.9 "                                      | . | . | . | 10 49           |
| E. J. H. Trask, corner Grove and Lebanon<br>streets, 41.7 yards | . | . | . | 16 97           |
| Estate S. W. Nichols, Otis street, 153 yards                    | . | . | . | 22 95           |
| Elmer P. Sargent, Franklin " 173 "                              | . | . | . | 25 95           |
| Ida L. and Mary Hallett, Otis st., 65.3 yds.                    | . | . | . | 9 80            |
|                                                                 |   |   |   | <u>\$102 96</u> |

## WYOMING AVENUE SIDEWALK.

|                                                                                                                                                                                  |                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Appropriation, March 18, 1889 . . . . .                                                                                                                                          | \$356 44       |
| Expended in 1888, as shown in last report . . . . .                                                                                                                              | \$266 85       |
| J. N. Lombard, for 28.9 perch of retaining wall on north side of Spot Pond brook, the same being one-half of wall laid adjacent to Wyoming avenue, at \$3.10 per perch . . . . . | 89 59          |
|                                                                                                                                                                                  | <hr/> \$356 44 |

## CROSSINGS AND GUTTERS.

|                                         |                |
|-----------------------------------------|----------------|
| Appropriation, March 11, 1889 . . . . . | \$500 00       |
| Balance unexpended, 1888 . . . . .      | 1 81           |
|                                         | <hr/> \$501 81 |

## EXPENDED.

|                                                                                         |                |
|-----------------------------------------------------------------------------------------|----------------|
| C. L. Hoffman, 431.2 yards concrete crossings (including grading) at 34 cents . . . . . | \$146 60       |
| 1,031.3 yards concrete gutters (including grading) at 32 cents . . . . .                | 329 99         |
| 66.4 yards top dressing at 12 cents . . . . .                                           | 7 97           |
|                                                                                         | <hr/> \$484 56 |
| Walter C. Stevens, surveying . . . . .                                                  | 10 00          |
|                                                                                         | <hr/> \$494 56 |
| Balance unexpended . . . . .                                                            | \$7 25         |
|                                                                                         | <hr/> \$501 81 |

## TOWN HALL.

|                                            |          |
|--------------------------------------------|----------|
| Appropriation March 18, 1889, for expenses | \$600 00 |
| Balance unexpended 1888                    | 30 12    |
|                                            | <hr/>    |
|                                            | \$630 12 |

## RECEIPTS FOR USE OF HALL.

|                                                          |            |
|----------------------------------------------------------|------------|
| Melrose Republicans Committee                            | \$20 00    |
| F. S. Hesseltine                                         | 20 00      |
| St. Bridget's Society                                    | 135 00     |
| Pastime Club                                             | 35 00      |
| Melrose Cycle Club                                       | 34 90      |
| Methodist Church                                         | 8 00       |
| Prof. Morris' Combination Show                           | 45 00      |
| Melrose Fire Department                                  | 15 00      |
| Melrose Orchestral Club                                  | 25 00      |
| Melrose Lodge I. O. O. F.                                | 35 00      |
| Lawn Tennis Club                                         | 32 00      |
| Mrs. Wilkins' Benefit                                    | 30 00      |
| Miss Sigrid Lunde                                        | 20 00      |
| Melrose Athletic Club                                    | 15 00      |
| Melrose Base Ball Club                                   | 15 00      |
| Amendment Campaign Committee                             | 10 00      |
| Universalist Society                                     | 30 00      |
| Women's Christian Temperance Union                       | 10 00      |
| Wide Awakes                                              | 10 00      |
| Trinity Church and St. Andrew's Chapter                  | 115 00     |
| U. S. Grant Relief Corps                                 | 15 00      |
| Melrose Lyceum 1888-1889                                 | 300 00     |
|                                                          | <hr/>      |
|                                                          | \$974 90   |
| From Melrose Savings Bank, rent<br>of room               | \$150 00   |
| From F. M. McLaughlin for use<br>of lock-up (court fees) | 25 00      |
| Joseph Edwards, rent of land                             | 10 83      |
|                                                          | <hr/>      |
|                                                          | \$185 83   |
|                                                          | <hr/>      |
|                                                          | \$1,790 85 |

## EXPENDED.

Malden and Melrose Gas Light Co., 374,900

|                                                           |          |
|-----------------------------------------------------------|----------|
| cubic feet of gas . . . . .                               | \$749 80 |
| J. C. Howes, plumbing and repairs . . . . .               | 9 86     |
| William A. Jeffs, plumbing . . . . .                      | 60 00    |
| C. L. Hoffman, repairing concrete . . . . .               | 1 96     |
| S. E. Benson, 50 tons coal @ \$6.25 (1888) . . . . .      | 325 00   |
| C. B. & F. H. Goss, 20 tons @ \$6.00 (1889) . . . . .     | 120 00   |
| Bugbee & Barrett, sundries . . . . .                      | 1 02     |
| Geo. F. King & Merrill, book . . . . .                    | 25       |
| John Larrabee, alcohol and sponge . . . . .               | 2 85     |
| A. & E. Burton & Co., floor brushes and dusters . . . . . | 5 50     |
| ✓ O. E. Drown, janitor, one year . . . . .                | 300 00   |
| “ “ labor and stock . . . . .                             | 10 00    |
| George W. Dew, painting . . . . .                         | 116 00   |
| Thomas S. Love, building fence . . . . .                  | 10 55    |
| J. P. Deering, lumber . . . . .                           | 11 79    |
| Nathaniel Wright, washing floors . . . . .                | 3 00     |
| Jerome T. Smith, labor . . . . .                          | 3 25     |
| Harry Stevens, moving piano and booths . . . . .          | 20 00    |
| Robert Philpot, removing cesspool contents . . . . .      | 6 50     |
| J. H. Edwards, sharpening lawn mower . . . . .            | 1 50     |
| Perry Bros., lawn mower and hardware . . . . .            | 15 51    |
| John Lahey, charcoal . . . . .                            | 3 50     |
| Ames Plow Co., wheelbarrow . . . . .                      | 4 00     |

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\$1,781 84

|                              |      |
|------------------------------|------|
| Balance unexpended . . . . . | 9 01 |
|------------------------------|------|

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\$1,790 85

## CONTINGENT EXPENSES.

|                                                                                |            |
|--------------------------------------------------------------------------------|------------|
| Appropriation March 11, 1889 (\$416 88 for fire<br>inquest included) . . . . . | \$2,000 00 |
| Balance unexpended . . . . .                                                   | 12 58      |

## RECEIPTS.

For auctioneers' licenses.

|                         |        |
|-------------------------|--------|
| S. A. Lovejoy . . . . . | \$2 00 |
| C. W. Ellison . . . . . | 2 00   |
|                         | <hr/>  |
|                         | \$4 00 |

|                                                                       |            |
|-----------------------------------------------------------------------|------------|
| Commonwealth of Massachusetts, from Cattle<br>Commissioners . . . . . | 4 00       |
|                                                                       | <hr/>      |
|                                                                       | \$2,020 58 |

## EXPENDED.

|                                                                          |          |
|--------------------------------------------------------------------------|----------|
| J. L. Fairbanks & Co., book for assessors . . .                          | \$4 50   |
| Babb & Stephens, assessors' and collector's books                        | 21 75    |
| L. B. Wilder & Co., printing tax bills . . .                             | 25 00    |
| Dunton & Potter, 1800 reports (1888) . . .                               | 273. 00  |
| “ “ printing voting lists, posters,<br>notices and advertising . . . . . | 183 55   |
| L. F. Williams, printing and advertising . .                             | 26 25    |
| W. B. Howe, “ “ . . .                                                    | 79 19    |
| T. W. Ripley, book for inspector of buildings .                          | 6 00     |
| Dexter Pratt, cash paid men for services at for-<br>est fires . . . . .  | 4 15     |
| John Davidson, labor at forest fire . . .                                | 2 25     |
| Geo. F. King & Merrill, stationery, etc . .                              | 25 66    |
| P. D. Meston, binding reports . . .                                      | 8 00     |
| H. C. Dimond & Co., rubber stamps . . .                                  | 8 00     |
| Geo. B. Sargent & Son, “ “ . . .                                         | 16 25    |
|                                                                          | <hr/>    |
| <i>Amount carried forward,</i> . . . . .                                 | \$683 55 |



|                                                                                     |        |          |
|-------------------------------------------------------------------------------------|--------|----------|
| <i>Amount brought forward,</i>                                                      |        | \$683 55 |
| A. B. Pierce, serving warrants and services . . . . .                               |        | 116 00   |
| J. A. Dill, lunch election day . . . . .                                            |        | 15 00    |
| Robert Burlen, binding and mounting street surveys . . . . .                        |        | 31 20    |
| Mrs. Mary O. Fuller, set of town reports, 1850-1888 . . . . .                       |        | 10 00    |
| C. W. Ellison, P.M., stamps . . . . .                                               |        | 14 30    |
| Geo. Newhall, cash paid for stamps . . . . .                                        |        | 6 00     |
| Water Commissioners, stand-pipes for watering streets . . . . .                     |        | 67 31    |
| C. F. Loring, legal services and expenses presenting amendment to by-laws . . . . . |        | 10 00    |
| A. V. Lynde, Esq., legal services prosecuting liquor cases . . . . .                |        | 40 00    |
| F. S. Hesseltine, Esq., legal services Harriman vs. Melrose . . . . .               | 250 00 |          |
| Cash paid witnesses . . . . .                                                       | 21 04  | 271 04   |
| F. L. McIntosh, M.D., returning births, 1888 . . . . .                              |        | 1 25     |
| F. H. Morse, M.D., " " " . . . . .                                                  |        | 6 50     |
| A. M. Selee, M.D., " " " . . . . .                                                  |        | 6 50     |
| E. L. Warren, M.D., " " " . . . . .                                                 |        | 25       |
| John Dike, M.D., " " " . . . . .                                                    |        | 50       |
| E. S. Jack, M.D., " " " . . . . .                                                   |        | 4 00     |
| J. S. Clark, M.D., " " " . . . . .                                                  |        | 6 50     |
| C. C. Odlin, M.D., " " " . . . . .                                                  |        | 5 00     |
| H. C. Williams, M.D., " " " . . . . .                                               |        | 2 75     |
| Peleg Wadsworth, M.D., " " " & 1889 . . . . .                                       |        | 1 25     |
| J. Garfield, M.D., " " " & 1889 . . . . .                                           |        | 75       |
| A. B. Pierce, returning 75 deaths, 1889 . . . . .                                   |        | 18 75    |
| Town of Tewksbury, burial of soldier . . . . .                                      |        | 10 00    |
| W. A. Caswell, 1 pair pants destroyed by prisoner . . . . .                         |        | 7 00     |

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*Amount carried forward,* . . . . . \$1,335 40

|                                                                           |   |   |   |   |            |
|---------------------------------------------------------------------------|---|---|---|---|------------|
| <i>Amount brought forward,</i>                                            | . | . | . | . | \$1,335 40 |
| C. E. Prior, M.D., services                                               | . | . | . | . | 2 00       |
| Daniel McDonald, boundary posts                                           | . | . | . | . | 23 60      |
| J. S. Austin, carriage hire                                               | . | . | . | . | 13 00      |
| W. W. Boardman, carriage hire                                             | . | . | . | . | 4 00       |
| John Larrabee, services, clerk of selectmen, 1888                         |   |   |   |   | 25 00      |
| “ “ compiling reports, 1888                                               | . | . | . | . | 50 00      |
| “ “ collecting, recording and indexing births, deaths and marriages, 1888 | . | . | . | . | 108 15     |
| H. B. Newhall, posting notices                                            | . | . | . | . | 8 25       |
| O. E. Drown, labor on guide boards, etc.,                                 | . | . | . | . | 3 75       |
| Eldridge's Express                                                        | . | . | . | . | 20         |
| Eastman's Express                                                         | . | . | . | . | 1 50       |
| Robinson & Co., expressing                                                | . | . | . | . | 35         |
| George Woodward, distributing ballots                                     | . | . | . | . | 3 00       |
| William T. Henney “ “                                                     | . | . | . | . | 3 00       |
| F. M. McLaughlin, ringing bell                                            | . | . | . | . | 5 33       |
| I. C. Weeks, “ “                                                          | . | . | . | . | 4 67       |
| O. E. Drown, “ “                                                          | . | . | . | . | 6 00       |
| Henry M. Meek, tally sheets                                               | . | . | . | . | 2 00       |
| The Boston Herald Co., advertising                                        | . | . | . | . | 4 50       |
|                                                                           |   |   |   |   | <hr/>      |
|                                                                           |   |   |   |   | \$1,603 70 |

## EXPENSES OF FIRE INQUEST.

|                                 |   |   |   |   |          |
|---------------------------------|---|---|---|---|----------|
| John W. Pettengill, Esq., Judge | . | . | . | . | \$52 60  |
| E. M. Ransom, Clerk             | . | . | . | . | 63 60    |
| F. M. McLaughlin, Constable     | . | . | . | . | 28 62    |
|                                 |   |   |   |   | <hr/>    |
|                                 |   |   |   |   | \$144 82 |

*Furors.*

|                                |   |   |   |   |   |          |
|--------------------------------|---|---|---|---|---|----------|
| Geo. W. Burke                  | . | . | . | . | . | \$36 96  |
| John Miller                    | . | . | . | . | . | 36 96    |
| Addison Lane                   | . | . | . | . | . | 36 96    |
| Henry A. Leonard               | . | . | . | . | . | 36 96    |
| George W. Dew                  | . | . | . | . | . | 36 96    |
| George Newhall                 | . | . | . | . | . | 36 96    |
|                                |   |   |   |   |   | <hr/>    |
|                                |   |   |   |   |   | \$221 76 |
|                                |   |   |   |   |   | <hr/>    |
| <i>Amount carried forward,</i> | . | . | . | . | . | \$366 58 |

|                                 |   |   |   |          |            |
|---------------------------------|---|---|---|----------|------------|
| <i>Amounts brought forward,</i> | . | . | . | \$366 58 | \$1,603 70 |
| Witnesses' fees                 | . | . | . | 31 30    |            |
| Engineers of Fire Dep't         | . | . | . | 19 00    |            |
|                                 |   |   |   | <hr/>    | \$416 88   |
| Total                           | . | . | . | .        | \$2,020 58 |

## HEALTH DEPARTMENT.

|                               |   |   |   |   |          |
|-------------------------------|---|---|---|---|----------|
| Appropriation, March 11, 1889 | . | . | . | . | \$200 00 |
| Balance unexpended, 1888      | . | . | . | . | 110 83   |
|                               |   |   |   |   | <hr/>    |
|                               |   |   |   |   | \$310 83 |

## EXPENDED.

|                                                   |   |   |   |   |          |
|---------------------------------------------------|---|---|---|---|----------|
| ✓ O. E. Drown, services, fumigating, etc.         | . | . | . | . | \$8 00   |
| John Larrabee, sulphur                            | . | . | . | . | 30       |
| Bugbee & Barrett, chloride lime                   | . | . | . | . | 30       |
| Robert Philpot, removing contents of vaults, etc. | . | . | . | . | 36 00    |
| Dunton & Potter, printing and advertising         | . | . | . | . | 17 00    |
| W. B. Howe, printing and advertising              | . | . | . | . | 27 20    |
| F. M. McLaughlin, services                        | . | . | . | . | 6 50     |
| J. S. Austin & Co., carriage hire                 | . | . | . | . | 6 00     |
| J. H. L. Anderson, carriage hire                  | . | . | . | . | 12 00    |
| W. W. Boardman & Co., carriage hire               | . | . | . | . | 4 25     |
|                                                   |   |   |   |   | <hr/>    |
|                                                   |   |   |   |   | \$117 55 |
| Balance unexpended                                | . | . | . | . | 193 28   |
|                                                   |   |   |   |   | <hr/>    |
|                                                   |   |   |   |   | \$310 83 |

## STATE AID.

|                                                                       |   |   |   |   |          |
|-----------------------------------------------------------------------|---|---|---|---|----------|
| Received from State on account of amount paid<br>during the year 1888 | . | . | . | . | \$645 00 |
|-----------------------------------------------------------------------|---|---|---|---|----------|

PAID DISABLED SOLDIERS AND DEPENDENT RELATIVES DURING  
YEAR 1889.

|                    |        |   |   |   |   |   |          |
|--------------------|--------|---|---|---|---|---|----------|
| William Story,     | 1 year | . | . | . | . | . | \$48 00  |
| Daniel D. Penney,  | "      | . | . | . | . | . | 48 00    |
| Sarah Barrett,     | "      | . | . | . | . | . | 48 00    |
| Mary F. Howard,    | 7 mos. | . | . | . | . | . | 28 00    |
| Maria G. Colson,   | 1 year | . | . | . | . | . | 48 00    |
| Helen E. Poole,    | "      | . | . | . | . | . | 48 00    |
| Alvin Drake,       | "      | . | . | . | . | . | 36 00    |
| Charles H. Young,  | 2 mos. | . | . | . | . | . | 8 00     |
| Mary E. Young,     | 5 mos. | . | . | . | . | . | 20 00    |
| Benjamin F. Gibbs, | 1 year | . | . | . | . | . | 48 00    |
| Rebecca H. French, | "      | . | . | . | . | . | 48 00    |
| John H. Guild,     | "      | . | . | . | . | . | 24 00    |
| William B. York,   | "      | . | . | . | . | . | 48 00    |
| Moses P. Mitchell, | "      | . | . | . | . | . | 48 00    |
| William Boyd,      | "      | . | . | . | . | . | 36 00    |
| Daniel G. Pinkham, | 6 mos. | . | . | . | . | . | 36 00    |
| George W. Babcock, | 9 mos. | . | . | . | . | . | 27 00    |
| Bridget Dolan,     | 7 mos. | . | . | . | . | . | 28 00    |
| Lydia J. Bryant,   | "      | . | . | . | . | . | 28 00    |
| William F. Irwin,  | 3 mos. | . | . | . | . | . | 18 00    |
|                    |        |   |   |   |   |   | <hr/>    |
|                    |        |   |   |   |   |   | \$721 00 |

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MILITARY AID.

[One-half refunded by the State.]

|                                               |   |          |
|-----------------------------------------------|---|----------|
| Received from State on account of aid paid in |   |          |
| 1888                                          | . | \$267 50 |
| George W. Grover, one year                    | . | 48 00    |
| Lawrence Reardon, " "                         | . | 96 00    |
| Horace W. Stevens, " "                        | . | 72 00    |
|                                               |   | <hr/>    |
| Amount carried forward,                       | . | \$216 00 |

## FINANCIAL STATEMENT.

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|                                |   |   |   |   |          |
|--------------------------------|---|---|---|---|----------|
| <i>Amount brought forward,</i> | . | . | . | . | \$216 00 |
| Benjamin F. York, 8 months     | . | . | . | . | 40 00    |
| William A. Johnson, 3 months   | . | . | . | . | 24 00    |
| Edwin H. Downing, one year     | . | . | . | . | 72 00    |
| Paschal E. Burnham, one year   | . | . | . | . | 132 00   |
| Josiah York, 2 months          | . | . | . | . | 16 00    |
| Loami G. Davis, one year       | . | . | . | . | 60 00    |
|                                |   |   |   |   | <hr/>    |
|                                |   |   |   |   | \$560 00 |

## INSURANCE.

|                         |   |   |   |   |   |            |
|-------------------------|---|---|---|---|---|------------|
| Appropriation           | . | . | . | . | . | \$1,000 00 |
| Unexpended Balance 1888 | . | . | . | . | . | 22 12      |
|                         |   |   |   |   |   | <hr/>      |
|                         |   |   |   |   |   | \$1,022 12 |

## EXPENDED.

|                      |   |   |   |            |
|----------------------|---|---|---|------------|
| J. L. Hanaford & Co. | . | . | . | \$262 50   |
| Westgate & Johnson   | . | . | . | 262 50     |
| R. B. Leighton       | . | . | . | 281 25     |
| Geo. M. M'Coy        | . | . | . | 232 50     |
|                      |   |   |   | <hr/>      |
|                      |   |   |   | \$1,038 75 |
| Deficit              | . | . | . | \$16 63    |

## LAND DAMAGES.

|                                                                                                          |   |   |   |   |   |          |
|----------------------------------------------------------------------------------------------------------|---|---|---|---|---|----------|
| Susan M. Ireson for land taken for the widening<br>of Swains Pond avenue in 1888, as per vote<br>of town | . | . | . | . | . | \$100 00 |
|----------------------------------------------------------------------------------------------------------|---|---|---|---|---|----------|

## TAXES REFUNDED.

|                                                                                                                                    |         |
|------------------------------------------------------------------------------------------------------------------------------------|---------|
| Boston Rubber Shoe Company, amount of taxes<br>improperly assessed upon personal property<br>belonging to said corporation . . . . | \$60 80 |
|------------------------------------------------------------------------------------------------------------------------------------|---------|

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## STREET LIGHTS.

|                                                  |            |
|--------------------------------------------------|------------|
| Appropriation, March 11, 1889 . . . .            | \$4,000 00 |
| Unexpended balance, 1888 . . . .                 | 710 87     |
| Nov. 9, 1889, treasurer authorized to borrow . . | 300 00     |
|                                                  | <hr/>      |
|                                                  | \$5,010 87 |

## EXPENDED

|                                                                                        |            |
|----------------------------------------------------------------------------------------|------------|
| Malden Electric Light Company.                                                         |            |
| 26 arc lights, 1,200 candle power, one year .                                          | \$2,604 00 |
| 40 incandescent lights, 25 candle power .                                              | 720 00     |
|                                                                                        | <hr/>      |
|                                                                                        | \$3,320 04 |
| Wheeler Reflector Company, for lighting and<br>care of 147 to 151 lamps, 11 months . . | \$1,516 61 |
| J. C. Howes, repairing lantern . . . .                                                 | 1 75       |
|                                                                                        | <hr/>      |
|                                                                                        | \$4,838 40 |
| (Bill of Wheeler Reflector Co. for December not<br>presented.)                         |            |
| Balance unexpended . . . . .                                                           | 172 47     |
|                                                                                        | <hr/>      |
|                                                                                        | \$5,010 87 |

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## ADDITIONAL LAMPS.

|                                      |          |
|--------------------------------------|----------|
| Appropriation March 11, 1889 . . . . | \$100 00 |
| Balance unexpended, 1888 . . . .     | 64 85    |
|                                      | <hr/>    |
|                                      | \$164 85 |

## EXPENDED.

|                                                                   |         |          |
|-------------------------------------------------------------------|---------|----------|
| Wheeler Reflector Company, ten<br>iron posts and frames . . . . . | \$87 50 |          |
| Three iron posts and frames . . . . .                             | 30 00   |          |
| Eastman's Express, teaming posts<br>and frames . . . . .          | 4 00    |          |
|                                                                   | <hr/>   | \$121 50 |
| Balance unexpended . . . . .                                      |         | 43 35    |
|                                                                   |         | <hr/>    |
|                                                                   |         | \$164 85 |

## MEMORIAL DAY.

|                                                                                                                |          |
|----------------------------------------------------------------------------------------------------------------|----------|
| Appropriation March 18, 1889 . . . . .                                                                         | \$200 00 |
| Paid commander of U. S. Grant Post, No. 4,<br>G.A.R., for decoration and care of soldiers'<br>graves . . . . . | 200 00   |

## STATE AND COUNTY TAXES.

|                                                     |            |
|-----------------------------------------------------|------------|
| Paid state treasurer, state tax of 1889 . . . . .   | \$5,880 00 |
| Paid county treasurer, county tax of 1889 . . . . . | 4,558 50   |

## HIGH SCHOOL BUILDING COMMITTEE.

|                                                                                                     |          |
|-----------------------------------------------------------------------------------------------------|----------|
| Paid committee's order to David L. Webster, on<br>account of bond for land for a building . . . . . | \$100 00 |
|-----------------------------------------------------------------------------------------------------|----------|

## POLICE AND NIGHT WATCH.

|                                                      |            |
|------------------------------------------------------|------------|
| Appropriation . . . . .                              | \$4,000 00 |
| Balance unexpended, 1888 . . . . .                   | 95 35      |
| Received from F. M. McLaughlin, court fees . . . . . | 48 00      |
|                                                      | <hr/>      |
|                                                      | \$4,143 35 |



## EXPENDED.

*Price paid, 25 cents per hour of Service Rendered.*

|                                   |          |                  |
|-----------------------------------|----------|------------------|
| F. M. McLaughlin, chief . . . . . | \$712 75 |                  |
| H. B. Newhall . . . . .           | 137 17   |                  |
| O. E. Drown . . . . .             | ✓ 535 61 |                  |
| C. F. W. Fogg . . . . .           | 693 58   |                  |
| W. A. Caswell . . . . .           | 684 28   |                  |
| C. H. Fuller . . . . .            | 45 95    |                  |
| R. M. Rand . . . . .              | 66 29    |                  |
| Jerome T. Smith . . . . .         | 587 71   |                  |
| Samuel Lear . . . . .             | 7 00     |                  |
| D. T. Stockwell . . . . .         | 9 12     |                  |
| A. W. Lynde . . . . .             | 9 75     |                  |
| Henry Barron . . . . .            | 7 00     |                  |
|                                   |          | <hr/> \$3,496 21 |

*Sundries.*

|                                                                |        |  |
|----------------------------------------------------------------|--------|--|
| J. P. Deering, lumber . . . . .                                | \$3 53 |  |
| O. E. Drown, meals to prisoners . . . . .                      | 21 00  |  |
| “ care of lock-up . . . . .                                    | 25 00  |  |
| “ material and labor for<br>lockers . . . . .                  | 41 00  |  |
| S. A. Robinson & Co., carriage . . . . .                       | 2 00   |  |
| M. S. Page & Co., clock . . . . .                              | 5 00   |  |
| H. A. Winship & Co., belts . . . . .                           | 9 00   |  |
| J. P. Lovell Arms Company, handcuffs<br>and twisters . . . . . | 17 50  |  |
| A. W. Mitchell, badges . . . . .                               | 4 50   |  |
| D. Evans & Co., coat buttons . . . . .                         | 7 08   |  |
| J. C. Howes, lanterns . . . . .                                | 1 50   |  |
| F. M. Holmes Furniture Co., desk . . . . .                     | 23 00  |  |
| Lemuel Merrill, padlock keys . . . . .                         | 1 25   |  |

*Amounts carried forward, . . . . .* 

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 \$161 36 *\$3,496 21*

|                                       |   |   |          |            |
|---------------------------------------|---|---|----------|------------|
| <i>Amounts brought forward,</i>       | . | . | \$161 36 | \$3,496 21 |
| W. B. Howe, printing                  | . | . | 4 50     |            |
| Frost & Hawes, crackers               | . | . | 1 53     |            |
| Jeremiah Casey, white washing lock-up |   |   | 2 25     |            |
| George W. Bartlett, teams             | . | . | 48 50    |            |
| Richard J. Hiatt, use of boat         | . | . | 1 15     |            |
|                                       |   |   | <hr/>    | \$219 29   |
|                                       |   |   |          | <hr/>      |
|                                       |   |   |          | \$3,715 50 |
| Balance unexpended                    | . | . |          | 427 85     |
|                                       |   |   |          | <hr/>      |
|                                       |   |   |          | \$4,143 35 |

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#### FOSTER STREET DRAIN.

May 28, 1889. Treasurer authorized to borrow . \$150 00

##### EXPENDED.

A. W. Lynde, furnishing and laying pipe, as per  
agreement . . . . . \$150 00

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#### UPHAM STREET LEDGE.

Appropriation March 18, 1889 . . . . . \$100 00

##### EXPENDED.

A. W. Lynde, removing ledge, as per bid \$87 00  
W. C. Stevens, surveying . . . . . 12 00  

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\$99 00  

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Balance unexpended . . . . . \$1 00

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#### REMODELLING HIGH SCHOOL BUILDING.

W. A. Rodman, services as architect for committee \$75 00  
Treasurer authorized to borrow . . . . . \$7,500 00

## TOWN COMMON.

|                                      |          |
|--------------------------------------|----------|
| Appropriation March 18, 1889 . . . . | \$150 00 |
|--------------------------------------|----------|

## EXPENDED.

|                                      |        |
|--------------------------------------|--------|
| A. W. Lynde, labor and teams . . . . | 148 00 |
|--------------------------------------|--------|

|                              |        |
|------------------------------|--------|
| Balance unexpended . . . . . | \$2 00 |
|------------------------------|--------|

## RELIEF TO SOLDIERS.

|                                                |          |
|------------------------------------------------|----------|
| Nov. 9, 1889. Treasurer authorized to borrow . | \$300 00 |
|------------------------------------------------|----------|

## EXPENDED.

|                                      |         |       |
|--------------------------------------|---------|-------|
| Worthen & Goodridge, groceries, etc. | \$20 00 |       |
| S. E. Benson, wood and coal . . . .  | 6 50    |       |
| John Larrabee, knee cap . . . .      | 3 00    | 29 50 |

|                              |          |
|------------------------------|----------|
| Balance unexpended . . . . . | \$270 50 |
|------------------------------|----------|

## CEDAR PARK AND WOODLAND AVENUE DRAINS

|                                               |  |
|-----------------------------------------------|--|
| Nov. 9, 1889. Treasurer authorized to borrow. |  |
|-----------------------------------------------|--|

|                          |            |
|--------------------------|------------|
| Cedar Park drain . . . . | \$1,000 00 |
|--------------------------|------------|

|                               |        |
|-------------------------------|--------|
| Woodland avenue drain . . . . | 500 00 |
|-------------------------------|--------|

|  |            |
|--|------------|
|  | \$1,500 00 |
|--|------------|

## EXPENDED.

|                                                    |       |
|----------------------------------------------------|-------|
| W. C. Stevens, surveying, plans and specifications | 45 00 |
|----------------------------------------------------|-------|

|                              |            |
|------------------------------|------------|
| Balance unexpended . . . . . | \$1,455 00 |
|------------------------------|------------|

## TOWN OFFICERS' SALARIES.

|                                                  |            |
|--------------------------------------------------|------------|
| Appropriation March 18, 1889 . . . . .           | \$3,025 00 |
| Balance unexpended, 1888 . . . . .               | 71 57      |
| Nov. 9. Treasurer authorized to borrow . . . . . | 700 00     |
|                                                  | <hr/>      |
|                                                  | \$3,796 57 |

## EXPENDED.

|                                                           |                   |
|-----------------------------------------------------------|-------------------|
| F. E. Orcutt, auditor, 1888 . . . . .                     | \$25 00           |
| G. N. Harris, " " . . . . .                               | 25 00             |
| W. I. Nickerson, " " . . . . .                            | 25 00             |
| Alfred Hocking, registrar of voters, 1888 . . . . .       | 25 00             |
| Walter Babb, " " " . . . . .                              | 25 00             |
| Victor C. Kirmes, " " " . . . . .                         | 25 00             |
| John Larrabee, " " " . . . . .                            | 25 00             |
| Henry G. Fields (chairman) overseers of poor . . . . .    | 200 00            |
| John Singer, Jr., overseer of poor . . . . .              | 50 09             |
| Martha D. Bale, " " . . . . .                             | 50 00             |
| John R. Norton, assessor (on account) . . . . .           | 100 00            |
| Albon W. Parker, " . . . . .                              | 150 00            |
| Charles W. Cook, " . . . . .                              | 150 00            |
| Board of assessors, for clerical services, 1888 . . . . . | 50 00             |
| " " " " " 1889 . . . . .                                  | 300 00            |
| Levi S. Gould, selectman . . . . .                        | 200 00            |
| John P. Deering, " . . . . .                              | 200 00            |
| Chas. W. Higgins, " . . . . .                             | 200 00            |
| John Larrabee, town clerk . . . . .                       | 300 00            |
| George Newhall, town treasurer . . . . .                  | 500 00            |
| Parker Merrill, collector, 1888 . . . . .                 | 147 85            |
| " " " 1889 . . . . .                                      | 300 70            |
| J. C. Howes, collector, 1881 . . . . .                    | 10 29             |
| " " " 1882 . . . . .                                      | 6 93              |
| " " " 1883 . . . . .                                      | 17 92             |
|                                                           | <hr/>             |
| <i>Amount carried forward, . . . . .</i>                  | <i>\$3,108 69</i> |

|                                        |   |   |   |   |            |
|----------------------------------------|---|---|---|---|------------|
| <i>Amount brought forward,</i>         | . | . | . | . | \$3,108 69 |
| M. F. Eastman, collector, 1885         | . | . | . | . | 130 00     |
| “ “ “ 1886                             | . | . | . | . | 30 00      |
| “ “ “ 1887                             | . | . | . | . | 240 00     |
| James Marshall, forest fire ward, 1888 | . | . | . | . | 15 00      |
| Henry Barron, “ “                      | . | . | . | . | 15 00      |
| Dexter Pratt, “ “                      | . | . | . | . | 15 00      |
| Calvin Locke, “ “                      | . | . | . | . | 15 00      |
| Chase C. Worthen “ “                   | . | . | . | . | 15 00      |
|                                        |   |   |   |   | <hr/>      |
|                                        |   |   |   |   | \$3,583 69 |
| Balance unexpended                     | . | . | . | . | 212 88     |
|                                        |   |   |   |   | <hr/>      |
|                                        |   |   |   |   | \$3,796 57 |

### DRAINAGE, BRIDGES AND CULVERTS.

|                              |   |   |   |   |            |
|------------------------------|---|---|---|---|------------|
| Appropriation March 18, 1889 | . | . | . | . | \$1,000 00 |
| Balance unexpended, 1888     | . | . | . | . | 14 40      |

#### RECEIPTS.

|                                    |   |            |
|------------------------------------|---|------------|
| Edward McKenna, for drain pipe     | . | \$9 00     |
| John Duff, catch basin and freight | . | 7 60       |
| Walter B. Ellis, catch basins “    | . | 15 17      |
|                                    |   | <hr/>      |
|                                    |   | 31 77      |
|                                    |   | <hr/>      |
|                                    |   | \$1,046 17 |

#### EXPENDED.

|                                                                        |   |          |
|------------------------------------------------------------------------|---|----------|
| T. R. Newhall, 80 feet bridge stone                                    | . | \$21 60  |
| W. C. Stevens, surveying                                               | . | 27 00    |
| E. L. Whittier, labor on Ell Pond and<br>Spot Pond brooks and culverts | . | 173 40   |
| Boston and Maine Railroad, freight on<br>catch basins , . . .          | . | 4 83     |
| Burrell & Swett, drain pipe                                            | . | 62 10    |
|                                                                        |   | <hr/>    |
| <i>Amount carried forward,</i>                                         | . | \$288 93 |

|                                  |      |    |  |  |  |            |
|----------------------------------|------|----|--|--|--|------------|
| <i>Amount brought forward,</i>   |      |    |  |  |  | \$288 93   |
| H. W. Clapp & Co., catch basins. |      |    |  |  |  |            |
| 1—No. 24 base and grate          | \$10 | 80 |  |  |  |            |
| 2—No. 20     "     "             | 18   | 00 |  |  |  |            |
| 13—No. 18   "     "              | 93   | 60 |  |  |  |            |
|                                  |      |    |  |  |  | <hr/>      |
|                                  |      |    |  |  |  | 122 40     |
| J. P. Deering, lumber            |      |    |  |  |  | 20 67      |
| John Duff & Co., labor           |      |    |  |  |  | 8 20       |
| C. B. & F. H. Goss, drain pipe   |      |    |  |  |  | 109 03     |
| A. W. Lynde,                     |      |    |  |  |  | 94 80      |
| Berry & Ferguson                 |      |    |  |  |  | 27 49      |
| For labor and teams.             |      |    |  |  |  |            |
| Superintendent, 14 days @ \$2 50 | \$35 | 00 |  |  |  |            |
| Laborers, 133 days @ \$1 76      | 234  | 08 |  |  |  |            |
| Teams, 33½ days, @ \$1 50        | 50   | 25 |  |  |  |            |
|                                  |      |    |  |  |  | <hr/>      |
|                                  |      |    |  |  |  | 319 33     |
| J. O. Chandler, sharpening tools |      |    |  |  |  | 34 20      |
|                                  |      |    |  |  |  | <hr/>      |
|                                  |      |    |  |  |  | \$1,025 05 |
| Balance unexpended               |      |    |  |  |  | 21 12      |
|                                  |      |    |  |  |  | <hr/>      |
|                                  |      |    |  |  |  | \$1,046 17 |

## PUBLIC LIBRARY AND READING ROOM.

|                               |  |  |  |  |  |          |
|-------------------------------|--|--|--|--|--|----------|
| Appropriation, March 11, 1889 |  |  |  |  |  | \$750 00 |
| Balance unexpended, 1888      |  |  |  |  |  | 4 89     |

## RECEIPTS.

|                                                       |  |  |  |  |  |            |
|-------------------------------------------------------|--|--|--|--|--|------------|
| From county treasurer, dog tax for 1888               |  |  |  |  |  | \$1,090 96 |
| Carrie M. Worthen, librarian, catalogues, fines, etc. |  |  |  |  |  | 64 52      |
|                                                       |  |  |  |  |  | <hr/>      |
|                                                       |  |  |  |  |  | \$1,910 37 |

## EXPENDED.

*Books, Papers, Etc.*

|                                 |         |
|---------------------------------|---------|
| George H. Walker & Co. . . . .  | \$15 00 |
| Cupples & Hurd . . . . .        | 13 69   |
| T. A. Renshaw, agent . . . . .  | 12 50   |
| Henry C. Nash . . . . .         | 15 00   |
| A. H. Roffe & Co. . . . .       | 130 60  |
| E. A. Powers . . . . .          | 4 00    |
| Willard Small . . . . .         | 5 00    |
| E. Whitefield . . . . .         | 10 00   |
| DeWolfe, Fiske & Co. . . . .    | 399 31  |
| Houghton, Mifflin & Co. . . . . | 11 00   |
| D. Appleton & Co. . . . .       | 60 00   |
| Macmillan & Co. . . . .         | 5 85    |
| Ginn & Co. . . . .              | 3 00    |
| Little, Brown & Co. . . . .     | 5 25    |
| William Cushing . . . . .       | 15 00   |
| A. E. Wells . . . . .           | 25 00   |
| Publishers' Weekly . . . . .    | 6 00    |
| George M. Smith & Co. . . . .   | 2 75    |

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 \$738 95
*Sundries.*

|                                        |          |
|----------------------------------------|----------|
| P. D. Meston, binding books . . .      | \$184 90 |
| W. B. Howe, printing . . . . .         | 18 70    |
| Dunton & Potter, printing . . . . .    | 40 00    |
| George F. King & Merrill, sundries . . | 3 95     |
| Library Bureau, sundries . . . . .     | 11 36    |
| Whidden, Curtin & Co., matting, etc. . | 25 85    |
| Burrell & Swett, door checks and stops | 23 61    |
| R. B. Leighton, insurance . . . . .    | 5 28     |
| Westgate & Johnson, insurance . . .    | 78 75    |

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*Amounts carried forward,* . . . \$392 40 \$738 95



|                                           |          |            |
|-------------------------------------------|----------|------------|
| <i>Amounts brought forward,</i>           | \$392 40 | \$738 95   |
| Eastman's Express                         | 10 75    |            |
| George B. Sargent & Son, dating stamp     | 7 00     |            |
| Babb & Stephens, printing cards           | 6 00     |            |
| Henry E. Murch, marble tablet             | 17 50    |            |
| Clark & Smith, ash lumber                 | 18 13    |            |
| J. P. Deering, lumber                     | 4 03     |            |
| William A. Fernald, gas pipe and fittings | 17 85    |            |
| O. E. Drown, care of rooms, 15 months     | 125 00   |            |
| Carrie M. Worthen, librarian, 1 year      | 425 00   |            |
| “ “ 3 months                              | 108 75   |            |
| “ sundries furnished                      | 26 77    |            |
|                                           | <hr/>    | \$1,159 18 |
|                                           |          | <hr/>      |
|                                           |          | \$1,898 13 |
| Balance unexpended                        |          | 12 24      |
|                                           |          | <hr/>      |
|                                           |          | \$1,910 37 |

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### DAMAGES.

|                                                                                                                                         |          |
|-----------------------------------------------------------------------------------------------------------------------------------------|----------|
| Mrs. Jennie G. Fox, in settlement for injuries received by fall on Franklin street                                                      | \$175 00 |
| Jackson Locke, Carrie M. Locke and Nellie A. Locke, in settlement for injuries received by fall, near corner of Green and Short streets | 100 00   |
|                                                                                                                                         | <hr/>    |
|                                                                                                                                         | \$275 00 |

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### HIGHLAND STREET.

Appropriation, March 23, 1889 . . . . \$300 00

#### EXPENDED.

|                                            |          |
|--------------------------------------------|----------|
| Robert Philpot, grading street, as per bid | \$265 00 |
| “ extra labor                              | 21 00    |
| W. C. Stevens, surveying                   | 14 00    |
|                                            | <hr/>    |
|                                            | \$300 00 |

## SOLDIERS' LOTS, "WYOMING."

Appropriation, March 18, 1889 . . . . \$300 00

## EXPENDED.

|                                          |          |
|------------------------------------------|----------|
| Teams, 38 days at \$1.50 per day . . .   | \$57 00  |
| Laborers, 138 days at \$1.76 per day . . | 243 00   |
|                                          | <hr/>    |
|                                          | \$300 00 |

## DRAINAGE COMMITTEE.

Appropriation, March 18, 1889 . . . . \$250 00

## EXPENDED.

|                                                                                                               |          |
|---------------------------------------------------------------------------------------------------------------|----------|
| Expense of committee to Coney Island and East<br>Orange, N. J., to examine sewage disposal<br>works . . . . . | 66 20    |
|                                                                                                               | <hr/>    |
| Balance unexpended . . . . .                                                                                  | \$183 80 |

## RUSSELL AND ADAMS STREETS.

Appropriations, March 23, 1889:

|                          |          |
|--------------------------|----------|
| Russell street . . . . . | \$100 00 |
| Adams street . . . . .   | 100 00   |
|                          | <hr/>    |
|                          | \$200 00 |

## EXPENDED.

|                                                           |          |
|-----------------------------------------------------------|----------|
| Robert Philpot, building streets, as per<br>bid . . . . . | \$180 00 |
| Extra labor and material furnished . .                    | 20 00    |
|                                                           | <hr/>    |
|                                                           | \$200 00 |

## VINTON STREET LEDGE.

|                         |          |
|-------------------------|----------|
| Appropriation . . . . . | \$300 00 |
|-------------------------|----------|

## EXPENDED.

|                                                                        |          |
|------------------------------------------------------------------------|----------|
| Robert Philpot, removing ledge and<br>grading street, as per bid . . . | \$285 00 |
| W. C. Stevens, surveying . . . .                                       | 10 00    |
|                                                                        | <hr/>    |
|                                                                        | \$295 00 |
| Balance unexpended . . . . .                                           | 5 00     |
|                                                                        | <hr/>    |
|                                                                        | \$300 00 |

## MAIN STREET WIDENING.

|                                                                                     |            |
|-------------------------------------------------------------------------------------|------------|
| Appropriation March 18, 1889 . . . .                                                | \$3,200 00 |
| Received from county treasurer, amount awarded<br>by county commissioners . . . . . | 600 00     |
|                                                                                     | <hr/>      |
|                                                                                     | \$3,800 00 |

## EXPENDED.

|                                                                                         |            |
|-----------------------------------------------------------------------------------------|------------|
| Paid in 1888, as per last report . . . .                                                | \$1,625 00 |
| W. C. Stevens, re-locating and testing . . .                                            | 17 00      |
| C. B. & F. H. Goss, 60 feet 18 inch drain pipe .                                        | 53 33      |
| E. McKenna & Co., balance on account of con-<br>tract (paid in 1888 \$500 00) . . . . . | 2,050 00   |
| E. McKenna & Co., extra labor . . . . .                                                 | 25 00      |
|                                                                                         | <hr/>      |
|                                                                                         | \$3,770 33 |
| Balance unexpended . . . . .                                                            | 29 67      |
|                                                                                         | <hr/>      |
|                                                                                         | \$3,800 00 |

## WATER FUND.

## CR.

|                                                                                                 |                    |
|-------------------------------------------------------------------------------------------------|--------------------|
| January, 1888. To the credit of account . . .                                                   | \$6,564 80         |
| Received from Parker Merrill, water registrar, for<br>water rates, etc., collected for 1889 : . | 23,746 43          |
|                                                                                                 | <u>\$30,311 23</u> |

## DR.

|                                                                                                                       |                    |
|-----------------------------------------------------------------------------------------------------------------------|--------------------|
| Water loan sinking fund commissioners, surplus,<br>1888 . . . . .                                                     | \$3,829 22         |
| Interest on water fund bonds . . . . .                                                                                | 11,680 00          |
| Bills on account of construction and maintenance,<br>for detailed statement see water commissioners' report . . . . . | 14,017 63          |
|                                                                                                                       | <u>\$29,526 85</u> |
| To the credit of account . . . . .                                                                                    | 784 38             |
|                                                                                                                       | <u>\$30,311 23</u> |

## INTEREST.

|                                        |            |
|----------------------------------------|------------|
| Appropriation March 11, 1889 . . . . . | \$5,000 00 |
| Balance unexpended, 1888 . . . . .     | 1,057 72   |

## RECEIPTS.

From collectors of taxes, interest collected.

|                                          |                   |
|------------------------------------------|-------------------|
| J. C. Howes, 1881 . . . . .              | \$3 54            |
| " " 1882 . . . . .                       | 3 00              |
| " " 1883 . . . . .                       | 6 51              |
| Parker Merrill, 1888 . . . . .           | 1,022 55          |
| " " 1889 . . . . .                       | 77 80             |
|                                          | <u>\$1,113 40</u> |
| <i>Amount carried forward, . . . . .</i> | <i>\$7,171 15</i> |

|                                                                                                                                                                                                                      |                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| <i>Amount brought forward</i> , . . . . .                                                                                                                                                                            | \$7,171 12        |
| Received from town treasurer as interest on deposits, balance as per report of committee appointed April 25, 1889, deducting allowances as per said report and in accordance with vote of town May 6, 1889 . . . . . | 307 64            |
| Received as interest on deposits from May 1, 1889, to Jan. 1, 1890 . . . . .                                                                                                                                         | 91 03             |
|                                                                                                                                                                                                                      | <u>\$7,569 79</u> |

## EXPENDED.

|                                                                     |                   |
|---------------------------------------------------------------------|-------------------|
| Interest coupons on town hall bonds, \$65,000 @ 7 per cent. . . . . | \$4,550 00        |
| Commonwealth of Massachusetts, on notes . . . . .                   | 810 00            |
| Melrose Saving Bank, on notes, temporary loans . . . . .            | 270 62            |
| S. H. Nowell, ex'r of est. of Chas. Pratt, on note . . . . .        | 532 63            |
|                                                                     | <u>\$6,163 25</u> |
| Balance unexpended . . . . .                                        | 1,406 54          |
|                                                                     | <u>\$7,569 79</u> |

## WYOMING CEMETERY.

## RECEIPTS, 1889.

|                                                        |               |
|--------------------------------------------------------|---------------|
| For care of lots . . . . .                             | \$470 23      |
| Labor and material furnished, interments, etc. . . . . | 458 25        |
| Stone sold . . . . .                                   | 20 00         |
| Building wall . . . . .                                | 15 00         |
| Rent of Pratt farm:                                    |               |
| E. McKenna, 5 months . . . . .                         | \$50 00       |
| H. H. Elms, 7 months . . . . .                         | 73 50         |
|                                                        | <u>123 50</u> |
| <i>Amount carried forward</i> , . . . . .              | \$1,086 98    |

*Amount brought forward,* . . . . \$1,086 98

Lots sold:

|                                 |          |
|---------------------------------|----------|
| One at \$200 . . . . .          | \$200 00 |
| Three at \$175 . . . . .        | 525 00   |
| Three at \$100 . . . . .        | 300 00   |
| One at \$90 . . . . .           | 90 00    |
| Six at \$75 . . . . .           | 450 00   |
| Six half lots at \$40 . . . . . | 240 00   |

\$1,805 00

On account of lots sold . . . . 160 00

1,965 00

\$3,051 98

EXPENDED.

|                                        |          |
|----------------------------------------|----------|
| Thomas Marshall, supt., 5 mos. . . . . | \$250 00 |
| Extra labor, 100½ days . . . . .       | 201 00   |
| Manure furnished . . . . .             | 13 00    |
| Laborers, 556¼ days @ \$1 76 . . . . . | \$978 88 |
| Teams, 48 days @ \$1 50 . . . . .      | 71 99    |
| Labor, 1 day @ \$2 50 . . . . .        | 2 50     |

\$464 00

1,053 37

|                                                   |        |
|---------------------------------------------------|--------|
| S. E. Benson, cement . . . . .                    | 12 00  |
| C. B. & F. H. Goss, cement . . . . .              | 3 20   |
| John Larrabee, brimstone . . . . .                | 24     |
| J. P. Deering, lumber . . . . .                   | 1 25   |
| W. B. Howe, printing . . . . .                    | 6 50   |
| Dunton & Potter, printing . . . . .               | 6 50   |
| L. C. Hoyt, plants . . . . .                      | 25 00  |
| Daniel Norton, sail cloth . . . . .               | 15 37  |
| Perry Bros., paint . . . . .                      | 97     |
| Bugbee & Barrett, lawn seed, powder, etc. . . . . | 5 06   |
| A. E. Upham, repairs, Pratt building . . . . .    | 109 42 |

*Amount carried forward,* . . . . \$1,702 88

## FINANCIAL STATEMENT.

117

|                                                                          |            |
|--------------------------------------------------------------------------|------------|
| <i>Amount brought forward,</i> . . . . .                                 | \$1,702 88 |
| Samuel Clark, wooden pump . . . . .                                      | 10 00      |
| Brackett & Roberts, examination of titles, etc. . . . .                  | 20 00      |
| Middlesex registry, recording deeds . . . . .                            | 1 34       |
| W. C. Stevens, surveying . . . . .                                       | 14 00      |
| C. W. Ellison, P.M., stamps . . . . .                                    | 2 00       |
| Thos. McCoubry, sharpening tools . . . . .                               | 7 20       |
| George Newhall, making and acknowledging deeds, from 1885—1889 . . . . . | 59 00      |
| George Newhall, services on committee . . . . .                          | 25 00      |
| John Larrabee, " " . . . . .                                             | 25 00      |
|                                                                          | <hr/>      |
|                                                                          | \$1,866 42 |

## PURCHASE OF ADDITIONAL LAND.

|                                                                                                     |            |
|-----------------------------------------------------------------------------------------------------|------------|
| George W. Farnsworth, lot of land on south side of Sylvan street, adjoining cemetery . . . . .      | \$150 00   |
| Mrs. Sarah Whowell, lot of land on corner of Lebanon and Sylvan sts. adjoining Pratt farm . . . . . | 200 00     |
|                                                                                                     | <hr/>      |
|                                                                                                     | \$350 00   |
|                                                                                                     | <hr/>      |
| Surplus for the year . . . . .                                                                      | \$2,216 42 |
|                                                                                                     | 835 56     |
|                                                                                                     | <hr/>      |
|                                                                                                     | \$3,051 98 |



## REPORT OF TOWN TREASURER.

---

|                                          |              |
|------------------------------------------|--------------|
| Cash in treasury, Jan. 28, 1889 . . . .  | \$3,622 11   |
| Total receipts for the year . . . .      | 161,588 36   |
|                                          | <hr/>        |
|                                          | \$165,210 47 |
| Total disbursements for the year . . . . | 165,096 27   |
|                                          | <hr/>        |
| Cash in treasury, Jan. 28, 1890 . . . .  | \$114 20     |

### CEMETERY "TRUST FUNDS."

|                                                                               |            |
|-------------------------------------------------------------------------------|------------|
| 1885. Estate of Sally Upham . . . .                                           | \$200 00   |
| 1886. S. B. Cochran, Omaha, Neb. . . .                                        | 200 00     |
| 1887. Estate of William H. Jones . . . .                                      | 100 00     |
| 1888. Estate of Mrs. Lynthia L. Burgess . . . .                               | 100 00     |
| 1888. Mr. Chas. O. and Mrs. Thomas Robinson . . . .                           | 100 00     |
| 1889. Mrs. Caroline Curtis . . . .                                            | 100 00     |
| 1889. Charles E. Daniels, treasurer Winchester<br>Home for Aged Women . . . . | 300 00     |
| 1889. Estate of J. Vincent Smith . . . .                                      | 200 00     |
| 1889. Estate of Peter Edgerly . . . .                                         | 100 00     |
|                                                                               | <hr/>      |
|                                                                               | \$1,400 00 |

## STATEMENT OF THE TOWN DEBT.

### WATER BONDS.

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|                                                                 |              |
|-----------------------------------------------------------------|--------------|
| Melrose Water Fund, due July 1, 1890 . . . .                    | \$100,000 00 |
| Melrose Water Fund, due Oct. 1, 1892 . . . .                    | 50,000 00    |
| Melrose Water Loan, high service, due Nov. 1,<br>1905 . . . . . | 37,000 00    |
| Melrose Water Fund, series 1887, due May 1,<br>1907 . . . . .   | 30,000 00    |
|                                                                 | <hr/>        |
|                                                                 | \$217,000 00 |

*Amount brought forward*, . . . . \$217,000 00

## TOWN HALL BONDS.

Melrose Town Hall, due Oct. 1, 1892 . . . \$65,000 00

## PERMANENT LOANS.

Note dated July 23, 1886, due July 23, 1891, interest  $3\frac{1}{2}$  per cent., borrowed on account of building Vinton street schoolhouse . \$14,000 00

## TEMPORARY LOANS.

Melrose Savings Bank . . . . \$15,500 00

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\$311,500 00

## AVAILABLE ASSETS.

Due from State, State aid, 1889 . . . . \$721 00

Due from State, military aid, 1889 . . . . 265 00

---

## Uncollected taxes :

\$986 00

1884 . . . . . \$293 18

1885 . . . . . 673 72

1886 . . . . . 706 71

1887 . . . . . 804 99

1888 . . . . . 2,089 07

1889 . . . . . 33,340 35

---

\$37,908 02

Water Loan Sinking Fund . . . . 42,224 58

Cash on hand . . . . . 114 20

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\$81,232 80

Net debts more than assets available . . 230,267 20

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\$311,500 00

Respectfully submitted,

GEORGE NEWHALL,

*Treasurer.*

(E. and O. excepted.)

MELROSE, January 29, 1890.

GEORGE NEWHALL, TREASURER,  
*In Account with the TOWN OF MELROSE.*

## DR.

Jan. 28, 1889. Cash in treasury . . . \$3,622 11

## RECEIPTS.

|                                                       |             |                     |
|-------------------------------------------------------|-------------|---------------------|
| J. C. Howes, collector taxes, 1881                    | \$19 54     |                     |
| 1882                                                  | 31 14       |                     |
| 1883                                                  | 78 29       |                     |
|                                                       |             | 128 97              |
| M. F. Eastman, coll. of taxes, 1885                   | \$51 83     |                     |
| 1886                                                  | 58 79       |                     |
| 1887                                                  | 1000 00     |                     |
|                                                       |             | 1,110 62            |
| Parker Merrill, coll. of taxes, 1888                  | \$26,801 93 |                     |
| 1889                                                  | 58,390 15   |                     |
|                                                       |             | 85,192 08           |
| Parker Merrill, water registrar, water rates, etc.    |             | 23,746 43           |
| Wyoming cemetery, lots, graves, etc.                  |             | 3,051 98            |
| Commonwealth of Massachusetts.                        |             |                     |
| Military aid, 1888 . . . . .                          | \$267 50    |                     |
| State aid, 1888 . . . . .                             | 645 00      |                     |
| School fund . . . . .                                 | 39 87       |                     |
| Bank and corporation tax . . . . .                    | 3,993 68    |                     |
|                                                       |             | \$4,946 05          |
| Cemetery Trust Funds, for perpetual care of lots      |             | 700 00              |
| Temporary loans, notes . . . . .                      |             | 37,500 00           |
| C. W. Higgins, Orris street damages . . . . .         |             | 86 80               |
| Interest on deposits . . . . .                        |             | 398 67              |
| Highways . . . . .                                    |             | 110 97              |
| Drainage . . . . .                                    |             | 31 77               |
| Sidewalks . . . . .                                   |             | 651 26              |
| Poor Fund . . . . .                                   |             | 960 55              |
| Contingent . . . . .                                  |             | 8 00                |
| Police . . . . .                                      |             | 48 00               |
| Town Hall . . . . .                                   |             | 1,160 73            |
| Public Library . . . . .                              |             | 1,155 48            |
| Main street widening, from county treasurer . . . . . |             | 600 00              |
|                                                       |             | <u>\$165,210 47</u> |

## CR.

Paid town clerk's orders, as follows :

|                                            |                    |
|--------------------------------------------|--------------------|
| Crossings and gutters . . . . .            | \$494 56           |
| Sidewalks . . . . .                        | 2,646 66           |
| Insurance . . . . .                        | 1,038 75           |
| Military aid . . . . .                     | 560 00             |
| State aid . . . . .                        | 721 00             |
| Drainage . . . . .                         | 1,025 05           |
| Soldiers' lots . . . . .                   | 300 00             |
| Melrose Common . . . . .                   | 148 00             |
| Public Library . . . . .                   | 1,898 13           |
| Memorial Day . . . . .                     | 200 00             |
| School fund . . . . .                      | 22,194 21          |
| School contingent . . . . .                | 4,113 17           |
| Poor fund . . . . .                        | 7,023 54           |
| Contingent . . . . .                       | 2,020 58           |
| Fire department . . . . .                  | 3,491 49           |
| Cemetery, Wyoming . . . . .                | 1,866 42           |
| Street lights . . . . .                    | 4,838 40           |
| Additional lamps . . . . .                 | 121 50             |
| Police . . . . .                           | 3,715 50           |
| Salaries . . . . .                         | 3,583 69           |
| Town Hall . . . . .                        | 1,781 84           |
| Water fund . . . . .                       | 14,017 63          |
| Highways . . . . .                         | 10,600 41          |
| Main street widening . . . . .             | 2,145 33           |
| Orris street damages . . . . .             | 86 80              |
| Wyoming avenue sidewalk . . . . .          | 89 59              |
| Drainage committee expenses . . . . .      | 66 20              |
| Foster street drain . . . . .              | 150 00             |
| Remodelling high school building . . . . . | 75 00              |
| Health department . . . . .                | 117 55             |
| <i>Amount carried forward, . . . . .</i>   | <u>\$91,131 00</u> |

|                                         |           |              |
|-----------------------------------------|-----------|--------------|
| <i>Amounts brought forward,</i>         | . . .     | \$91,131 00  |
| Land damages                            | . . . . . | 100 00       |
| Taxes refunded                          | . . . . . | 60 80        |
| Soldiers' relief                        | . . . . . | 29 50        |
| Cedar park and Woodland avenue drains   | . . . . . | 45 00        |
| Russell and Adams streets               | . . . . . | 200 00       |
| Highland street                         | . . . . . | 300 00       |
| Vinton street ledge                     | . . . . . | 295 00       |
| Upham " " . . . . .                     | . . . . . | 99 00        |
|                                         |           | <hr/>        |
|                                         |           | \$92,260 30  |
| Paid temporary loans, notes             | . . . . . | \$22,000 00  |
| Permanent loans, notes                  | . . . . . | 18,000 00    |
| Interest on notes                       | . . . . . | 1,613 25     |
| Interest coupons, town hall bonds       | . . . . . | 4,550 00     |
| " " water fund bonds                    | . . . . . | 11,680 00    |
| Water loan sinking fund, commissioners' |           |              |
| surplus, 1888                           | . . . . . | 3,829 22     |
| Purchase of land, cemetery              | . . . . . | 350 00       |
| Damages, settlement of claims           | . . . . . | 275 00       |
| High school building committee          | . . . . . | 100 00       |
| State tax, 1889                         | . . . . . | 5,880 00     |
| County tax, 1889                        | . . . . . | 4,558 50     |
|                                         |           | <hr/>        |
|                                         |           | \$165,096 27 |
| Jan. 29, 1890. Cash in treasury         | . . . . . | 114 20       |
|                                         |           | <hr/>        |
|                                         |           | \$165,210 47 |

## GEORGE NEWHALL, TREASURER,

*In Account with* COMMISSIONERS OF MELROSE WATER LOAN  
SINKING FUND.

## DR.

|                                                                   |            |
|-------------------------------------------------------------------|------------|
| February, 1889. Cash on hand . . . .                              | \$2,418 05 |
| To received as surplus from water fund for year<br>1888 . . . . . | 3,829 22   |
| To received as interest on bonds and mortga-<br>ges . . . . .     | 1,687 31   |
|                                                                   | <hr/>      |
|                                                                   | \$7,934 58 |

## CR.

|                                               |            |
|-----------------------------------------------|------------|
| By paid rent for box in safe deposit vaults . | \$10 00    |
| For mortgage on real estate in Melrose . .    | 2,500 00   |
| In Boston Five Cents Savings Bank . .         | 1,000 00   |
| In Suffolk Savings Bank . . . . .             | 1,000 00   |
| In Melrose Savings Bank . . . . .             | 3,424 58   |
|                                               | <hr/>      |
|                                               | \$7,934 58 |

## COLLECTOR'S REPORT.

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### TAX OF 1889.

|                                |                   |
|--------------------------------|-------------------|
| To amount of warrant           | \$91,914 40       |
| Interest                       | 77 80             |
|                                | <hr/> \$91,992 20 |
| By amount paid George Newhall, |                   |
| treasurer                      | \$58,390 15       |
| Abatements                     | 261 70            |
| Uncollected                    | 33,340 35         |
|                                | <hr/> \$91,992 20 |

PARKER MERRILL,

*Collector for 1889.*

---

### TAX OF 1888.

|                                    |                   |
|------------------------------------|-------------------|
| To amount uncollected Jan. 1, 1890 | \$28,012 18       |
| Interest                           | 1,022 55          |
|                                    | <hr/> \$29,034 73 |
| By paid George Newhall, treasurer  | \$26,801 93       |
| Abatements                         | 143 73            |
| Uncollected Jan. 1, 1890           | 2,089 07          |
|                                    | <hr/> \$29,034 73 |

PARKER MERRILL,

*Collector for 1888.*



## ASSESSORS' REPORT.

FOR YEAR 1889.

|                                          |                       |
|------------------------------------------|-----------------------|
| No. of inhabitants . . . . .             | 7,821                 |
| “ school children . . . . .              | 1,303                 |
| “ dwelling houses . . . . .              | 1765                  |
| “ horses . . . . .                       | 472                   |
| “ cows . . . . .                         | 211                   |
| “ swine . . . . .                        | 51                    |
| “ dogs . . . . .                         | 546                   |
| “ oxen . . . . .                         | 2                     |
| Valuation of personal property . . . . . | \$ 413,490 00         |
| “ real estate . . . . .                  | 6,022,130 00          |
| Total . . . . .                          | <u>\$6,435,620 00</u> |
| Amount committed to collector . . . . .  | \$91,914 40           |
| Additional . . . . .                     | 88 32                 |
| Re-assessed . . . . .                    | 37 74                 |
| Total . . . . .                          | <u>\$92,040 46</u>    |
| Rate, \$13.60 per \$1,000.               |                       |
| Number of polls assessed . . . . .       | 2,204                 |
| Number of women assessed . . . . .       | 6                     |

## ABATEMENTS ON TAX OF 1889.

|                          |        |                      |          |
|--------------------------|--------|----------------------|----------|
| Estate Chas. Barrett     | \$6 80 | Mrs. C. W. Clinkard  | \$6 80   |
| Mrs. Emma Burnham        | 6 80   | Mrs. S. A. Dean      | 6 80     |
| Mrs. Ann Colligan        | 6 80   | Mrs. Mary A. Finn    | 6 80     |
| C. W. Ellison            | 1 36   | Mrs. Aaron Green     | 4 74     |
| C. N. Fowler             | 2 70   | Estate Harry Hunt    | 6 80     |
| Geo. B. Graves           | 2 72   | E. W. Jones          | 2 72     |
| Wm. Hyams                | 68     | T. D. Lockwood       | 6 80     |
| J. Lehmann               | 12 90  | A. V. Lynde          | 4 08     |
| Mrs. E. Loring           | 6 80   | Wm. H. Porter        | 2 70     |
| Mrs. Esther Morcomb      | 6 80   | John J. Rink         | 2 72     |
| Mrs. Ella Powder         | 5 44   | Mrs. Joan Stackpole  | 6 80     |
| Mrs. E. Simonds          | 6 80   | A. Taylor            | 2 70     |
| D. D. Stratton           | 6 80   | Mrs. Jennie Upham    | 5 78     |
| S. D. Taylor             | 13 60  | Andrews & Fairfield  | 10 20    |
| Misses Wheeler           | 13 60  | Estate T. Corey      | 6 80     |
| Miss S. A. Cooper        | 6 80   | Fred Belyea          | 2 72     |
| Miss Nancy S. Wilson     | 1 36   | Ellen Powers         | 6 80     |
| Mrs. May D. Ellis        | 6 80   | Misses Conway        | 13 60    |
| H. G. Vennard            | 5 44   | B. R. Upham, reass'd | 1 36     |
| Mrs. C. V. Fernald       | 4 08   | G. W. Chipman "      | 16 32    |
| J. M. Fuller, reassessed | 18 70  |                      |          |
| A. Cutter Sibley, "      | 1 36   |                      | \$278 02 |
| S. E. Benson             | 6 80   |                      |          |

## ABATEMENTS ON 1888, DURING 1889.

|                       |        |                      |          |
|-----------------------|--------|----------------------|----------|
| Geo. W. Emerson       | \$4 52 | Mary R. Prince       | \$6 80   |
| Estate F. D. Howe     | 6 80   | Mrs. Mary A. Higgins | 6 80     |
| Mrs. Susan E. Smith   | 6 80   | Geo. W. Farnsworth   | 8 84     |
| B. F. Dutton          | 12 24  | Mrs. Mary A. Finn    | 6 80     |
| Mrs. Louisa Weeks     | 10 54  | Geo. W. Grover       | 4 04     |
| Mrs. Lucada Critchett | 6 80   | Mrs. E. Burnham      | 6 80     |
| Geo. N. Cass          | 6 80   | C. H. Batchelder     | 7 67     |
| J. C. Ingalls         | 44 88  |                      |          |
| Mrs. Jane Grundy      | 3 40   |                      | \$150 53 |

ALBON W. PARKER,  
CHARLES W. COOK,  
JOHN R. NORTON,

*Assessors.*

# REPORT OF POLICE DEPARTMENT.

MELROSE, Dec. 31, 1889.

*To the Honorable Board of Selectmen:*

The report of the Police Department for the year ending at date is as follows :

## CASES BROUGHT BEFORE THE COURT.

|                                      |    |                              |     |
|--------------------------------------|----|------------------------------|-----|
| Assaults . . . . .                   | 8  | Keeping and exposing         |     |
| By-Laws, violation of . . . . .      | 2  | liquor for sale . . . . .    | 4   |
| Breaking and entering                |    | Liquor nuisances . . . . .   | 2   |
| and larceny . . . . .                | 6  | Larceny . . . . .            | 5   |
| Concealing stolen prop-              |    | Neglected children . . . . . | 4   |
| erty . . . . .                       | 3  | Non-support . . . . .        | 1   |
| Drunks . . . . .                     | 26 | Reckless driving . . . . .   | 1   |
| Disturbing the peace . . . . .       | 5  | Search warrants for liq-     |     |
| Disorderly house . . . . .           | 2  | uor . . . . .                | 11  |
| Disobedient child . . . . .          | 1  | Search warrants for          |     |
| Entering building . . . . .          | 2  | stolen goods . . . . .       | 2   |
| Persons assisted home . . . . .      |    |                              | 6   |
| Truancy . . . . .                    |    |                              | 1   |
| Threats . . . . .                    |    |                              | 2   |
| Vagrants . . . . .                   |    |                              | 2   |
| Insane carried to hospital . . . . . |    |                              | 7   |
| Lodgers accommodated . . . . .       |    |                              | 127 |
| Doors found unlocked . . . . .       |    |                              | 5   |
| Disturbances suppressed . . . . .    |    |                              | 15  |
| Notices delivered . . . . .          |    |                              | 53  |
| Children taken home . . . . .        |    |                              | 5   |

Respectfully submitted,

FRANK M. McLAUGHLIN, *Chief.*

## REPORT OF FIRE ENGINEERS

FOR THE YEAR ENDING DECEMBER, 31, 1889.

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### *To the Honorable Board of Selectmen:*

During the year seven buildings were damaged by fire, of which there were

|                             |   |
|-----------------------------|---|
| Totally destroyed . . . . . | 3 |
| Trifling damage . . . . .   | 4 |

Whole number of alarms, thirteen, of which one was for a fire in Stoneham, and one call for assistance from Boston.

|                                       |            |
|---------------------------------------|------------|
| Value of property destroyed . . . . . | \$4,235 00 |
| Insurance on same . . . . .           | 3,175 00   |
| Loss " . . . . .                      | 1,885 00   |
| Insurance paid on same . . . . .      | 2,470 00   |

Date, Jan. 10; box, 41; location, Swains pond avenue; owner and occupant, J. H. Currier; value, \$735; loss, \$735; insurance, \$2,700; insurance paid, \$1,995; cause, incendiary.

Date, April 15; box, 41; location, Park street; cause, brush.

Date, April 21; box, 48; location, Emerson street; false alarm.

Date, April 23; box, 57; location, Warren street; cause, brush.

Date, April 26; box, 41; location, Grove street; false alarm.

Date, July 5; box, 35; location, Stoneham.

Date, Aug.; box, 49; location, Oakland street; loss, \$50; cause, lamp explosion.

Date, Sept. 4; box, 35; location, Washington street; owner, E. F. Gove; occupant, W. B. Cook; value, \$2,600; loss, \$200; insurance, unknown; cause, spontaneous combustion.

Date, Oct. 24; box, 41; location, Lynde street; owner and occupant, W. E. Locke; insurance, \$25; insurance paid, \$25; cause, lantern explosion.

Date, Oct. 30; box, 41; location, Third street; owner, Joel Atwood; occupants, J. and G. Atwood; value, \$900; loss, \$900; insurance, \$450; insurance paid, \$450; cause, lantern explosion.

Date, Nov. 6; box, 48; location, Emerson street; owner and occupant, J. Barrett; cause, accidental.

Date, Nov. 25; box, 43; fire in Boston.

Date, Dec. 2; box, 46; location, Main street; owner, H. C. Richardson; cause, incendiary

In making our report, we recommend to the town the laying of a twelve inch main from Wyoming avenue to Emerson street, in order to give a more efficient supply of water for fire purposes. The time is soon coming when a more extensive equipment will be needed, that will require more room, and we think it advisable for the town to take into consideration with the erection of other buildings the needs of its fire department, and we recommend for the expenses of the fire department for the ensuing year the sum of thirty-five hundred dollars, and we also recommend the sum of two hundred dollars for additional fire alarm boxes.

Respectfully submitted,

A. W. LYNDE,  
SAMUEL LEAR,  
A. W. PARKER,

*Engineers.*

# REPORT OF THE INSPECTOR OF BUILDINGS.

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*To the Citizens of Melrose :*

Your attention is respectfully called to the following extracts from the town by-laws in relation to the prevention of fires :

ART. 7, SEC. 1 (as amended). Any person intending to erect any dwelling house, stable, shop, store or other building in the town of Melrose, shall, before proceeding to erect the same or lay the foundation thereof, give notice in writing to the Board of Selectmen of such intention and of the character and location of the proposed building.

SEC. 13. To aid them in the proper enforcement of the foregoing regulations, the Board of Selectmen are hereby authorized to employ some suitable person to inspect all buildings in process of erection or alteration.

Acting upon the authority conferred by the by-laws, from which the above extracts are taken, and by appointment of the selectmen as inspector, I have, since my appointment, May 15, 1888, inspected buildings as follows :

|                                                                                                        |     |
|--------------------------------------------------------------------------------------------------------|-----|
| Number inspected where notice was given through the<br>selectmen, as required by Sec. 1 (quoted above) | 152 |
| Number inspected without notice . . . . .                                                              | 57  |
| Total . . . . .                                                                                        | 209 |

Seven chimneys found to be unsafe were by my order taken down and rebuilt, four flues for stoves were rebuilt, one girder which ran directly through a chimney was repaired and made safe, and one chimney in a house partially burned was rebuilt.

In response to notices served by an officer, many changes have been made as directed, and future danger thereby averted, and in no case has it been found necessary to prosecute the offender. If the citizens generally, the owners of buildings in process of construction or alteration, and the contractors or builders, would render assistance in the matter of giving proper notice and complying promptly with the directions of the inspector, more could be accomplished under the by-laws toward preventing the dangers from fires which will arise unless the utmost care is exercised.

Blank notices of intentions to build can always be obtained of the inspector or at the town clerk's office.

Respectfully submitted,

DEXTER PRATT,

Jan. 1, 1890.

*Inspector.*



## AUDITORS' REPORT.

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We have examined the books of the treasurer for the year ending Jan. 28, 1890, and find them correctly kept and proper vouchers and orders accompanying them.

We have also examined the books connected with the water department, and find them correctly kept.

FRANK E. ORCUTT,  
WALTER I. NICKERSON,  
GILBERT N. HARRIS,

*Auditors.*

MELROSE, Feb. 14, 1890.

REPORT OF THE BOARD  
OF  
WATER COMMISSIONERS  
OF THE  
TOWN OF MELROSE, MASS.,  
FOR THE  
FINANCIAL YEAR ENDING DECEMBER 31, 1889.

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MELROSE :  
DUNTON & POTTER, PRINTERS.  
1890.

# TOWN OF MELROSE, MASS.

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## WATER DEPARTMENT.

### COMMISSIONERS.

WILBUR D. FISKE.

GEORGE L. MORSE.

W. H. MILLER.

---

### REGISTRAR.

PARKER MERRILL.

---

### SUPERINTENDENT.

JAMES W. RILEY.

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### PUMPING STATION.

CHARLES F. CHURCHILL, Engineer.

# REPORT OF THE WATER COMMISSIONERS

FOR THE YEAR ENDING DEC. 31, 1889.

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The twentieth annual report of the Board of Water Commissioners of the town of Melrose, also reports of water registrar and superintendent are respectfully submitted.

The demands for laying main and service pipes during the year, together with the expense of providing and putting in position new fire hydrants, largely exceeded the expectations and estimates of the board and made necessary an additional appropriation, which was voted by the town, viz., \$2,000.

|                                           |             |
|-------------------------------------------|-------------|
| Number of feet of main pipe laid in 1889, | 6,674 feet. |
| “ “ service “ “                           | 2,780 “     |
| “ new hydrants set                        | 11          |
| “ gates set                               | 15          |

A detailed statement of dimensions, location and cost of the above will be found in superintendent's report.

## WATER SUPPLY.

There has been an abundant supply of water during the year and the pond is now in excellent condition. The highest point reached being Dec. 10th, when the dam was overflowed. The lowest was on Oct. 20th, the water at that time being  $14\frac{3}{4}$  inches below high water mark. This favorable exhibit is, of course, attributable to the unusually heavy rainfall of the past season and cannot safely be assumed as a fair average of the capabilities of the pond.

## PUMPING STATION.

The pumping engine at the station has run during the year to the entire satisfaction of the board and has required but trifling expense for repairs. The whole pumping plant has been under the charge of the Engineer, Mr. C. F. Churchill, and is in perfect condition.

## INCIDENTAL EXPENSES.

Owing to the absence of extreme cold weather no trouble from freezing has been experienced, and expense for repairing has been correspondingly light. The board reports a saving in the maintenance department, by teaming its own sand and cement, and also by a discontinuance of four of the telephones formerly in use; a further reduction in minor expenses has also been effected.

## QUALITY OF PIPE.

At the last annual town meeting it was voted: "That the water commissioners be requested to seriously consider the question of the merits of iron as compared with cement-lined pipe; the relative cost of the same; the relative cost of repairing, and all collateral expenses. And if it should be found that the cement-lined pipe is no better or cheaper than the iron pipe, then the manufacture of cement-lined pipe to be discontinued."

In complying with the foregoing request, the board have found themselves confronted with so much conflicting testimony, and so little really definite information, that exact data upon which to base an opinion has not been attainable, and they are consequently not prepared to make an absolute statement, preferring rather to submit such facts as they have acquired and leave the decision with the town. Melrose has a good plant, with all necessary apparatus for

making cement-lined pipe. She has also workmen skilled in its manufacture and experienced in laying and caring for it. In this respect we possess advantages both for the practice of economy and in securing perfect work over most of the towns with whom correspondence has been had. A recognition of these facts and a careful comparison of prices paid by other towns, as well as our own, induces the belief that cement-lined pipe can be produced and laid at an average cost of some ten to fifteen per cent. less than iron pipe.

The relative cost of repairing and other collateral expenses can only be given approximately, as we have no record of tests of the two kinds of pipe made under exactly similar conditions. The weight of evidence, however, appears to be that while the expense of repairing a given quantity of iron pipe might be greater than for the same amount of cement, the iron is, on the whole, considered safer and more reliable, and consequently the aggregate cost of its maintenance would be no greater than for cement.

A satisfactory comparison of the two kinds of pipe as to durability cannot be made, inasmuch as sufficient time has not yet elapsed to demonstrate fully the enduring qualities of either. Plymouth has cement pipe thirty-eight years old and still in use, while Boston has iron pipe forty-three years in service and still claimed to be in good condition.

These figures, however, are exceptional, and after a careful examination of all the evidence at hand, the board are inclined to regard a fair average of the life of both iron and cement pipe to be some twenty to thirty-five years; both being, of course, greatly influenced by the existing conditions.

While each kind of pipe has its merits and each its defenders, it is at the same time true that neither has as yet fully established its claims to superiority. This fact, how-

ever, must be admitted that no instance has come to the knowledge of the board where cement pipe has been substituted for iron, whereas it is known, that in many cases cement has been abandoned and iron put in its place. Under all the circumstances, therefore, and in view of the fact that Melrose is considering the question of substituting iron for cement pipe, the board call attention to the following points as deserving consideration :

*a.* The fact heretofore mentioned, that the town has a full equipment for manufacturing and laying cement pipe, and if iron be substituted new apparatus will be required.

*b.* Experience has proved that the chemical action of Spot Pond water on iron pipes is such as to cause rapid deterioration. This peculiarity as compared with other waters which have been examined is decidedly marked, and involving as it does the question of cost for future maintenance ought not to be overlooked.

*c.* Melrose has a system of cement-lined pipe, and it is an open question whether a combination of the two is desirable. Experts as a rule do not approve such a union. The judgment of the board is that the difference in cost is not sufficient to be made a factor in deciding between the two kinds of pipe; it is purely a question of superiority.

The following letters have been courteously furnished by the gentlemen whose names are signed to them, and are entitled to respectful consideration, expressing as they do the opinions of men of high authority in the matters of which they write.

[*GOODHUE & BIRNEY, Water Works Contractors.*]

SPRINGFIELD, MASS., Jan. 20, 1890.

W. D. FISKE, Esq.

*Dear Sir:* — Replying to yours of the 16th, would say that on the 4, 6 and 8 inch pipe, sizes that you would naturally



use for extensions, there should be a saving of about 10 per cent. in cost of cement over cast iron, at present prices. As I understand you make and line your own pipe, you can judge if you are able to get some work done on the making of pipe at odd spells, when men to whom you give steady employment would have nothing else to do.

Regarding the relative life of the two kinds of pipe, if each are properly made and laid, I think the cement would last much the longest. If the work on cement pipe is carelessly done, the life of the pipe will be shorter. The chances for a town obtaining poor or imperfect work on cement pipe if done by contract are a little more than on cast iron. If you do your own work, there can be no excuse for poor work. Plymouth, Mass., has several miles of cement pipe which has been in use thirty-eight years.

There is virtue in each kind, with chances for better water from the cement. You are at liberty to call upon me for any further information that I can give you.

Yours truly,

C. L. GOODHUE.

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[BOSTON WATER WORKS, Office Supt. Eastern Division.]

BOSTON, MASS., Jan. 25, 1890.

WM. H. MILLER, Esq., Melrose Water Board.

*Dear Sir:*—In reply to yours of the 24th inst., asking for my opinion in regard to the comparative merits of cast-iron and cement-lined water pipes, I will say that I should not recommend the use of the cement-lined pipes, and my reasons for that opinion are based upon my experience with both classes of pipe on the Boston works and upon my general knowledge of the experience of neighboring cities and towns which have used the cement-lined pipes.

The Mystic works, constructed in 1864 for the supply of Charlestown, were furnished with wrought-iron cement-lined pipes, and in 1876, twelve years after the pipes were laid, the number of breaks in the mains were 1 for each 0.45 (about  $\frac{1}{2}$ ) of a mile of pipe, while on the Cochituate works, laid with cast-iron pipe, the number of breaks were one for

every 24.4 miles. We have been obliged to replace the entire distribution of Charlestown with cast-iron pipes.

The cement-lined pipe was used in Somerville and Chelsea, and in both of those cities the pipes are now giving a great amount of trouble, and they are replacing the wrought-iron cement-lined pipes with coated cast-iron.

As to the life of a cast-iron pipe, I can only say that the pipes laid in Boston in 1848 are to-day in service, and to all appearances nearly as good as when first laid. When laid in marsh mud the cast-iron pipes decay rapidly; but in good earth they will last at least fifty years, and I see no reason why not one hundred.

As to the comparative cost, I have not had any experience.

Yours respectfully,

DEXTER BRACKETT,

*Supt. Eastern Division.*

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[*Office of Superintendent Hingham Water Works.*]

HINGHAM, Feb. 3d, 1890.

JOHN R. NORTON, Clerk of Water Board, Melrose, Mass.

*Dear Sir:*—As we are a private company and have no commissioners, I take the liberty of answering your note. We have some forty miles of cement pipe from 14 in. to 3 in., most of it laid in 1879 and 1880. Thus far we have had very little trouble from breaks and our water is very clear. Our pressure is about fifty pounds and we have a gravity supply. For a low pressure like ours I think cement pipe, if honestly made and laid, is all right. Would not use it for a pumping system or where the pressure was over fifty or sixty pounds.

There is very little difference in first cost or in repairs between cast iron and cement pipe when the latter is first-class. The extra care necessary in handling and laying cement pipe where it is carefully done, as it must be to ensure good work, will offset the difference in cost of the materials. So that the only recommendation for cement pipe is in its absolute freedom from corrosion and conse-

quent purity of the water. This is the vital point in all water works, and with water that will readily attack iron there is no question of the superiority of cement-lined pipe. Otherwise, and with high gravity or pumping pressure, I should say cast-iron every time.

Yours,

C. W. S. SEYMOUR,

*Superintendent.*

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[*Concord Water Works, Superintendent's Office.*]

CONCORD, N. H., Feb. 3d, 1890.

JOHN R. NORTON, Esq., Clerk of Water Board, Melrose,  
Mass.

*Dear Sir:*—I have your favor of Feb. 1st. Our works were built in 1872 with cement-lined pipe, and we have but little trouble with it. Of late we have used cast-iron for extensions. Were we to build our works anew now, I should use cast-iron. The difference in the price is not large. The iron costs more than the cement-lined, but I cannot give you the exact figures. Iron pipe has advanced about \$3.00 per ton, and cement-lined would advance some. Mr. C. L. Goodhue, of Springfield, Mass., will give you the figures for cement-lined.

Very respectfully,

JOHN KIMBALL,

*President.*

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[*Office of PERCY M. BLAKE, Civil Engineer.*]

HYDE PARK, MASS., Dec. 5th, 1889.

Major W. D. FISKE, Boston, Mass.

*Dear Sir:*—I have been too busy to attend to that matter of comparative cost of piping, about which you spoke to me. Let me know if it is not too late, and I will try to have it looked up for you. I should say, to express it in a general way, that with the present price of cast-iron, the laying and furnishing of 4, 6 and 8 inch wrought-iron cement-lined and covered pipe and the furnishing and lay-

ing of the same size of cast-iron pipe, standard weight, could be contracted for at the same price. If, however, you are well equipped for the manufacture and laying of the cement-lined pipe, it is probable that this kind would cost ten and possibly fifteen per cent. less than standard cast-iron.

Yours truly,

PERCY M. BLAKE.

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[*Manchester Water Works, Superintendent's Office.*]

MANCHESTER, N. H., Feb. 3, 1890.

MELROSE WATER COMMISSIONERS, Melrose, Mass.

*Gentlemen:* — We have laid no cement-lined pipe for thirteen years. We have laid over with cast-iron pipe this year about half a mile. Now we find in taking up the cement-lined that some portion of it is just as sound as it was sixteen years ago, when it was laid. Other parts, the iron is all rusted out. This shows that it could be laid so as to last a long time. We have got to take ours out, that is, a large portion of it, on account of poor work, and we shall lay cast-iron in place of the cement. The cost of cement-lined I do not know about. The repairs on cast-iron are easier made, and it does not cost so much to repair it. I have always understood that you are satisfied with cement, and if so, why change it?

Yours truly,

CHAS. K. WALKER.

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[*Office of Watertown Water Supply Company.*]

WATERTOWN, MASS., Feb. 3, 1890.

JOHN R. NORTON, Esq., Clerk of Water Board, Melrose,  
Mass.

*Dear Sir:* — Your favor of the 1st received this forenoon. In reply would say, regarding the merits of cement-lined pipe, there is no doubt in my mind but it is the best conductor of water; the only trouble seems in getting a thorough job. We have had a very favorable experience; in fact, our

mains have given us no trouble at all. Cast-iron will stand any amount of rough handling, and I do not think there is much difference in cost at the present time.

Yours truly,

J. H. PERKINS,

*Superintendent.*

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[PLYMOUTH WATER WORKS.]

Board of Water Commissioners, Melrose, Mass.

PLYMOUTH, MASS., Feb. 6, 1890.

*Dear Sirs:*—We can give you very little information in regard to cast-iron pipe, as since 1854 we have used cement-lined wrought-iron almost exclusively. Our water is particularly destructive to cast-iron and so use the other, as it has proved entirely satisfactory. Some four inch cast-iron that we laid for a corporation a few years ago was taken up last year and its capacity was reduced to a two inch by the formation of rust inside. We have not dared to try the dipped cast-iron in any of our mains, although no doubt it would last longer than the undipped, but how much only time will tell.

We laid quite a large quantity of cement pipe three years ago, when we put in another main from the pond to the town, and the prices were as follows, including pipe, trenching, back-filling, keeping road-bed in repair for a year and setting gates and branches, gates to be supplied by the town:—16 in., \$1.90 per running foot; 14 in., \$1.70; 12 in., \$1.35; 10 in., \$1.05; 6 in., .72; 4 in., .52. In laying our own pipe with higher labor the expense is a few cents per foot more.

I suppose you know that we are one of the few towns in this State which clings exclusively to cement, but our experience justifies it. Our works were originally laid in 1854, and that pipe is in use to-day, and when taken up is generally in as good condition as when laid. When we laid the new main three years ago, we made two services—a high and a low, and the greater part of the old pipe was thrown on the high service. Of course for a short time we had



quite a number of leaks, as any weak places were shown at once, but the cost of repairing them is small and easily done. The average cost of repairing a leak for the last three years has been as follows:—10 in., \$12.74; 6 in., \$12.07; 4 in., \$6.53. And this is higher than the average cost for a series of years would be, as it includes the time when the high service was put in. The cost of repairs to our street mains since 1882 has been as follows; this also includes removing obstructions, of which there have been quite a number, as we have considerable two inch pipe which was laid in the early history of the works. A larger part of the leaks have also occurred in this smaller pipe, as it is harder to make well than the larger sizes:—1882, \$159.00; 1883, \$160.00; 1884, \$242.00; 1885, \$174.00; 1886, \$232.00; 1887, \$385.00; 1888, \$592.00; 1889, \$261.00. The water on the high service was turned on in the latter part of 1887, which accounts for the larger expense in 1887 and 1888, and more especially so as the repairs were made in winter. During the above years we had from twenty-five to thirty miles of street mains.

In our opinion the whole question is whether the pipe is well made and well laid in the beginning. If it is, the pipe is cheap and durable and as cheap a pipe as can be put down and no danger of the full diameter being decreased by rust, etc. If the pipe is not well made, it is not worth a cent. This is the trouble with pipe laid in various places in Massachusetts. We have constant supervision of the making and laying of the pipe, and the result is satisfactory.

The above cost of repairs is from all causes. For instance, one year we had quite a length of pipe struck by lightning, and we have one or two places on our main line which are swampy and the pipe settles, but which will probably be remedied this year by laying the pipe around the swamp.

Any further information that we can furnish we shall be glad to give. If your superintendent or any of your board would like to come here, we should be pleased to have you, and will show you anything or give you any information in our power.

Yours respectfully,

CHARLES S. DAVIS, *Chairman.*

NATICK, Feb. 6, 1890.

To Water Commissioners of Town of Melrose.

*Gentlemen* :—Your letter of Feb. 1, to Natick Water Board, was handed me for my opinion with regard to cement-lined mains. We have about twenty-five miles of that kind of pipe, from 4 to 12 in., some of which has been laid sixteen years. We have not had much trouble so far. As far as I can judge it is still in good condition. Now and then we have a few joint leaks, and sometimes a burst or rotten pipe (perhaps two or three in a year.) This does not result through any fault of the pipe, but from careless work, which can be remedied if you can secure honest workmen to take an interest in the work. Poor work will eventually tell, whether in cast-iron or cement-lined. No doubt the risk is greater in cement, as in making joints there is more chance for poor work. There is no doubt about the purity of cement pipe. It is always clean and the same size, without any obstruction. The reason why cement pipe is being discarded for iron pipe is not from any fault of the pipe, but in the workmanship ; not enough cement to light iron. In closing I would say there is and always has been a doubt in my mind as to how large a pipe that is cement-lined can be laid with good results. Hoping you will give me your opinion in return about pipe, I remain,

Yours respectfully,

T. W. MORSE,  
*Superintendent.*

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CHELSEA, MASS., Feb. 6, 1890.

Melrose Water Commissioners.

Yours of Feb. 1st came to hand yesterday. In answer to your questions, would say, that there are merits in the cement-lined water pipe. It is our judgment, however, that cast-iron pipe is the most reliable, and in the long run the most economical. The first cost is in favor of the cement pipe, but in a very few years the difference in maintenance in favor of cast-iron will more than offset it.

Respectfully,

WATER COMMISSIONERS,

O. LOMBARD, Clerk.



The following extract is taken from the 9th Annual Report of the Dedham Water Company:

The most important matter to the company, upon which in fact all else depends, is the condition of the main line of pipes, now extending upwards of twenty miles, and we are glad to report that no leaks whatever have developed during the year, and no expense for repairs has been incurred. In relaying certain portions with reference to approaches to the new standpipe, sections of cement-lined pipe have been taken up, and in every case found to be stronger and better than when first laid, while iron connections and service pipes upon the same portion have been found badly rusted and partially filled with incrustations.

Upon the lines of service pipes, all of enamelled iron, four leaks have appeared, and have been repaired at an expense of \$13.65. For the last year the company has laid cement-lined service pipes, experience here and elsewhere having shown them to be the best now in use, and no more expensive than the iron.

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[DEDHAM WATER COMPANY.]

DEDHAM, MASS., Feb. 11, 1890.

JOHN R. NORTON, Esq., Clerk Water Commissioners,  
Melrose, Mass.

*Dear Sir* :—Your note of Feb. 7, 1890, asking the opinion of the directors of the Dedham Water Company as to the merit of cast-iron or cement-lined pipes for water mains, is at hand. We have no cast-iron pipes of any amount on our works, but as far as cement-lined pipes are concerned, I would say, I think from what experience I have had with them, if they are properly laid there can be no better pipe made through which to carry water. With cement pipe the water is always clean and not filled with iron-rust. As far as repairs are concerned, no company, city or town can have a better record than we have had. We have now upwards of twenty miles of main pipes, most of which was laid in 1881. Barring two or three small leaks, caused by the careless handling of a pick in putting in services, we have had

but one leak on our main pipes, and that was caused by too quickly closing a hydrant. For more than two years we have had no leaks of any kind on our main pipe line. The cost of laying cement-lined pipe is about as follows. I can give no figures on cast-iron: 4 in. cement-lined, laid, costs about 50 to 60 cents per foot; 6 in., 60 to 70 cents; 8 in., 85 to 95 cents; 10 in., \$1.05 to \$1.15.

Respectfully yours,

WILLIAM F. HILL,

*Superintendent.*

The board desire an expression of opinion and instructions from the town.

#### SANITARY CONDITIONS.

Pure water is indispensable to the health and prosperity of every community, and the board of water commissioners view with grave apprehension the danger of defilement to which the water of Spot Pond is subjected through the influx of visitors and pleasure seekers.

Every year the evil increases; every year crowds of boating, picnicking, and other parties multiply until it has come to pass, that during the entire heated term, the surface of the lake is covered with boats and its shores with excursionists and idlers.

If this condition of affairs be permitted to continue, contamination of the water is inevitable, and at the same time, the enviable reputation for purity which the pond has hitherto enjoyed, and which has contributed greatly in bringing to our town a large and increasing number of intelligent citizens, will, to say the least, be endangered. The question is asked, "Why do the commissioners permit it?" and the answer is, the commissioners have no power to prevent. A year ago the water board of Melrose, jointly with the commissioners of Malden and Medford, procured a survey to be

made of all the land contiguous to the pond, with a view to purchasing the same, thereby cutting off all the approaches to the water. While such a scheme might be feasible, its accomplishment would necessarily involve the expenditure of a large sum of money. And as there is a reasonable presumption that the desired reform may be attained by less expensive methods, the board does not feel justified in recommending its adoption, at least, until other plans shall have been considered.

#### FINANCIAL EXHIBIT.

Although the town, at its last annual meeting, withheld the usual appropriation for the use of water supplied for hydrants, school houses and other public buildings, the financial exhibit for the year is highly satisfactory. The receipts from water takers exclusively, for the year 1889 amount to \$22,719.98, as against \$21,551.00 from the same sources in 1888, thus showing an increase for the current year of \$1,168.98.

There are in the town of Melrose supplied with Spot Pond water: 8 school houses; 142 hydrants; 5 public buildings; 2 parks; 5 drinking fountains.

The board are of the opinion that as the water department is debited with all the expense of providing and maintaining hydrants and apparatus for public buildings, and supplying the same with water, it should, in fairness, be credited with at least the cost of the same from the general tax levy. While the particular methods adopted in providing and distributing its taxes may not be material to the town as a unit, there may be a marked difference to the individual citizen, and it is the opinion of the water board that if the several departments of the town were obliged each to bear its own burdens, the water department would soon be in a position to make possible more equitable rates for distribution.

From such information as has been accessible to the board, it is learned that in the municipalities of this Commonwealth, where water is taken for public uses, the practice universally prevails of accounting to the water department for the same, the average allowance for hydrants being over \$30 each, and for public buildings in like proportion.

The board further state that they have failed to discover any other town than Melrose which provides and maintains watering posts at its own expense and gratuitously supplies water to private individuals to be used for street sprinkling as a source of profit.

If the water department can receive from the town its just dues for supplies for public purposes, and regular rates from all other consumers, the board are free to express the opinion that with the increasing receipts from new water takers, which may reasonably be anticipated, a material reduction in rates would in the near future be warranted.

MR. SARGENT.

On the 19th day of June last past, Wingate P. Sargent, by reason of the pressure of his own personal affairs, resigned as a member of the water board, and at a joint convention of the selectmen and water commissioners holden on the tenth day of July following, Wm. H. Miller was unanimously elected to the vacancy. The board subsequently organized by the choice of W. D. Fiske as chairman.

Mr. Sargent has been identified with the water department a large part of the time since its inception, and freely used his time and influence in pushing it to completion. He was also one of the principal promoters of the High Service System, standing unswervingly at his post, unmindful of personal sacrifices until it was in full operation, and its utility demonstrated. He was a member of the water board

nine years, all of which he was its chairman. In his retirement the town loses a conscientious and faithful public servant.

#### RECOMMENDATIONS.

1st. That the town authorize laying a new main pipe of not less than 14 inches in diameter from the intersection of Wyoming avenue, and Main street to the intersection of Emerson and Main streets, a distance of 3,000 feet, and that \$6,000 be appropriated for the purpose.

2nd. An appropriation of \$2,000 for water supplied to hydrants, school houses and other public buildings, and parks.

3rd. That the vote of the town granting free water and the free use of six watering posts and apparatus to individuals to be used for private gain be rescinded.

4th. That the town authorize the purchase of a rain gauge and gauges for registering the height of water in the pond and reservoir, and that \$300 be appropriated for the purpose.

5th. That the town request the board of water commissioners to co-operate with the commissioners of Malden and Medford in procuring legislation necessary to protect the purity of Spot Pond water.

WILBUR D. FISKE,  
GEORGE L. MORSE,  
WM. H. MILLER,  
*Commissioners.*

# REPORT OF THE WATER REGISTRAR

OF THE TOWN OF MELROSE FOR THE YEAR 1889.

TO THE BOARD OF WATER COMMISSIONERS.

*Gentlemen* :—I have the honor to submit the following report for the year 1889 :

## RECEIPTS.

|                                   |             |             |
|-----------------------------------|-------------|-------------|
| To received for water rates . . . | \$22,719 98 |             |
| “ “ service pipe . . .            | 957 49      |             |
| “ “ stock . . .                   | 160 56      |             |
| “ “ shop rent . . .               | 28 33       |             |
| “ “ return insurance . . .        | 27 75       |             |
|                                   | <hr/>       | \$23,894 11 |
| By paid George Newhall . . .      | \$23,746 43 |             |
| refund . . .                      | 147 68      |             |
|                                   | <hr/>       | \$23,894 11 |

## INCOME.

|                        |             |             |
|------------------------|-------------|-------------|
| From water rates . . . | \$22,719 98 |             |
| “ other sources . . .  | 56 08       |             |
|                        | <hr/>       | \$22,776 06 |

## EXPENSES.

|                         |             |             |
|-------------------------|-------------|-------------|
| Interest on bonds . . . | \$11,680 00 |             |
| Sundry bills . . .      | 6,811 56    |             |
| Surplus on hand . . .   | 4,284 50    |             |
|                         | <hr/>       | \$22,776 c6 |



## CONSTRUCTION.

|                                      |                   |
|--------------------------------------|-------------------|
| Chapman Valve Company, hydrants,     |                   |
| gates, etc. . . . .                  | \$868 70          |
| Boston Bolt Co., bolts, etc. . . .   | 44 40             |
| A. B. Franklin, brass work . . .     | 2 90              |
| Holyoke Hydrant Co., gates . . .     | 15 00             |
| T. McCoubry, repairs and shoeing .   | 22 40             |
| J. H. Cunningham, pipe . . . .       | 33 46             |
| C. A. Wells, horse shoeing . . .     | 3 13              |
| Waldo Bros., fire clay . . . .       | 1 75              |
| D. R. Woodward, labor and stock .    | 10 12             |
| Hersey Meter Co., meters . . .       | 42 90             |
| Ætna Rubber Co., rubber packing .    | 10 40             |
| Fuller, Dana & Fitz, iron and pipe   | 1,150 66          |
| Wm. Morse, stock and labor . . .     | 88 27             |
| C. A. Whittemore, oil . . . .        | 40 87             |
| Eastern Supply Co., packing . . .    | 4 90              |
| Knowles Pump Co., valves . . .       | 2 75              |
| Sundry laborers . . . . .            | 2,198 02          |
| Boston and Maine Railroad, freight   | 97 97             |
| R. Philpot, sand and teaming . . .   | 87 50             |
| S. O. Eldridge, express . . . .      | 23 25             |
| W. H. Ward, corporation bands . .    | 206 05            |
| Sewall & Day Cordage Co., rope . .   | 3 25              |
| Walworth Manufacturing Co., service  |                   |
| boxes, etc. . . . .                  | 181 95            |
| R. Eccles, pattern . . . . .         | 2 00              |
| New England Machine Co., dies, etc.  | 49 60             |
| Harry Stevens, express . . . .       | 17 40             |
| H. S. Butterfield, wood at reservoir | 150 00            |
| Osgood & Hart, castings . . . .      | 55 06             |
| Charles W. Badger, asphalt varnish   | 79 25             |
| Edwin Grover, surveying at pond .    | 66 67             |
| <i>Amount carried forward,</i> . . . | <u>\$5,560 58</u> |



|                                        |            |                    |
|----------------------------------------|------------|--------------------|
| <i>Amount brought forward,</i>         | \$5,560 58 |                    |
| Davis & Farnum Mfg. Co., castings      | 122 59     |                    |
| King & Goddard, pipe, etc.             | 438 10     |                    |
| J. L. Holbrook, stock                  | 96         |                    |
| Chadwick Lead Works, lead pipe         | 6 75       |                    |
| Geo. H. Sampson, giant powder          | 36 10      |                    |
| D. Roby & Co., cement                  | 267 00     |                    |
| Ames Plow Co., shovels, etc.           | 17 15      |                    |
| Addison Lane, rent                     | 90 00      |                    |
| Walter B. Ellis                        | 5 00       |                    |
| Boston Rubber Shoe Co., rubber mittens | 12 50      |                    |
| Somerville Iron Foundry, castings      | 51 13      |                    |
| Geo. M. Winslow & Co., cement          | 387 00     |                    |
| Scrannage Bros. & Cook, brass work     | 147 00     |                    |
| Frank A. H. Norcross, express          | 4 00       |                    |
| S. E. Benson, cement                   | 29 40      |                    |
| City of Somerville, iron pipe          | 25 81      |                    |
| Jonathan Nichols, sand                 | 5 00       |                    |
|                                        | <hr/>      | \$7,206 07         |
| LESS.                                  |            |                    |
| Services laid                          | \$957 49   |                    |
| Stock sold                             | 160 56     |                    |
|                                        | <hr/>      | \$1,118 05         |
| Net cost of construction, 1889         |            | \$6,088 02         |
| “ “ works, etc., Jan. 1, 1889          |            | \$262,697 75       |
| Cost of works, Jan. 1, 1890            |            | <hr/> \$268,785 77 |

## MAINTENANCE.

|                                                  |            |
|--------------------------------------------------|------------|
| F. H. Tyzzer, painting . . . . .                 | \$20 25    |
| Bugbee & Barrett, sundries . . . . .             | 32 47      |
| L. F. Williams, printing . . . . .               | 11 50      |
| A. B. Smith . . . . .                            | 1 50       |
| Woolen and Cotton Manuf. Mutual Ins. Co. . . . . | 111 00     |
| W. C. Stevens . . . . .                          | 9 00       |
| C. F. Churchill, packing . . . . .               | 30 00      |
| “ “ engineer . . . . .                           | 900 00     |
| Parker Merrill, registrar . . . . .              | 1,200 00   |
| J. W. Riley, superintendent . . . . .            | 1,100 00   |
| Globe G. L. Co. . . . .                          | 4 00       |
| G. F. King & Merrill, stationery . . . . .       | 13 72      |
| J. W. Hamilton, shoeing and repairs . . . . .    | 19 42      |
| James Newhall . . . . .                          | 11 00      |
| Thomas Keating, carriage . . . . .               | 1 25       |
| Phillips & Hodgdon, hay and grain . . . . .      | 196 84     |
| G. F. Blake Manuf. Co. . . . .                   | 7 75       |
| Perry Bros., hardware . . . . .                  | 16 89      |
| H. A. Hartley, mats . . . . .                    | 9 00       |
| L. B. Wilder & Co., printing . . . . .           | 50 50      |
| Newhall Metal Polishing Co., polish . . . . .    | 2 00       |
| Dunton & Potter, printing . . . . .              | 28 50      |
| O. E. Drown, stock and labor . . . . .           | 14 17      |
| Mary D. Ellis, rent . . . . .                    | 60 00      |
| Chapman Valve Co. . . . .                        | 4 98       |
| J. L. Fairbanks & Co., stationery . . . . .      | 8 00       |
| Vacuum Oil Co. . . . .                           | 27 99      |
| W. H. Ward . . . . .                             | 2 50       |
| W. A. Goodnow, stock and labor . . . . .         | 5 20       |
| Tracy & Stevens . . . . .                        | 14 60      |
| S. E. Benson, coal . . . . .                     | 1,104 01   |
| <hr/>                                            |            |
| <i>Amount carried forward,</i> . . . . .         | \$5,018 04 |

|                                  |            |
|----------------------------------|------------|
| <i>Amount brought forward,</i>   | \$5,018 04 |
| Sundry laborers                  | 1,137 00   |
| W. A. Hitchcock                  | 2 00       |
| W. B. Howe                       | 13 50      |
| Geo. B. Sargent & Son            | 90         |
| C. W. Ellison                    | 10 00      |
| Wm. H. Conley                    | 2 40       |
| Wingate P. Sargent               | 25 00      |
| Harry Stevens                    | 32 40      |
| Thomas McCoubry                  | 66 21      |
| W. W. Boardman & Co.             | 11 00      |
| John Larrabee                    | 2 60       |
| J. C. Howes                      | 12 00      |
| John P. Deering                  | 5 34       |
| Ætna Rubber Mills                | 14 63      |
| Robert Burlen                    | 16 25      |
| Fairbanks, Brown & Co.           | 10 15      |
| L. W. Gilman                     | 60         |
| Eastern Supply Co.               | 5 30       |
| R. Philpot                       | 13 00      |
| Frost & Hawes                    | 7 03       |
| Boston and Maine Railroad        | 9 00       |
| Geo. W. Bartlett                 | 121 04     |
| Ames Plow Co.                    | 85         |
| Boston and Lockport R. B. R. Co. | 1 25       |
| Addison Lane                     | 30 00      |
| Fuller, Dana & Fitz              | 51 09      |
| Westgate & Johnson               | 27 25      |
| J. O. Chandler                   | 9 35       |
| J. W. Harmon                     | 6 30       |
| C. B. & F. H. Goss               | 2 28       |
| Albert B. Franklin               | 14 35      |

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*Amount carried forward,* \$6,678 11

|                                |   |   |   |   |   |   |   |         |    |
|--------------------------------|---|---|---|---|---|---|---|---------|----|
| <i>Amount brought forward,</i> | . | . | . | . | . | . | . | \$6,678 | 11 |
| Wm. Morse                      | . | . | . | . | . | . | . | 2       | 67 |
| J. Edwards                     | . | . | . | . | . | . | . | 21      | 40 |
| J. T. Freeman & Co.            | . | . | . | . | . | . | . | 2       | 95 |
| C. A. Whittemore               | . | . | . | . | . | . | . | 40      | 13 |
| L. E. Chandler                 | . | . | . | . | . | . | . | 3       | 00 |
| Geo. L. Morse                  | . | . | . | . | . | . | . | 50      | 00 |
| A. L. Maclachlan               | . | . | . | . | . | . | . | 13      | 30 |
|                                |   |   |   |   |   |   |   | <hr/>   |    |
|                                |   |   |   |   |   |   |   | \$6,811 | 56 |
| Number of water takers         | . | . | . | . | . | . | . | 1,632   |    |
| “ families                     | . | . | . | . | . | . | . | 1,631   |    |
| “ stores and shops             | . | . | . | . | . | . | . | 64      |    |
| “ motors                       | . | . | . | . | . | . | . | 9       |    |
| “ boarding houses              | . | . | . | . | . | . | . | 6       |    |

Respectfully submitted,

PARKER MERRILL,

*Registrar.*

## REPORT OF THE SUPERINTENDENT.

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TO THE WATER COMMISSIONERS.

*Gentlemen* :—In accordance with the usual custom, I herewith submit my annual report, giving in detail the operations of this department.

### THE POND.

The following record will show the condition of the pond during the year. The lowest point October 20th, and over the dam December 10th.

### RECORD.

#### *Rise and fall of pond in 1889.*

|       |     |                                          |   |   |
|-------|-----|------------------------------------------|---|---|
| Jan.  | 1.  | $\frac{3}{4}$ in. below high water mark. |   |   |
|       | 10. | $3\frac{1}{3}$ in. above                 | " | " |
|       | 20. | $\frac{1}{2}$ in.                        | " | " |
|       | 30. | $1\frac{1}{2}$ in.                       | " | " |
| Feb.  | 10. | $\frac{1}{4}$ in.                        | " | " |
|       | 20. | 1 in.                                    | " | " |
|       | 28. | 1 in.                                    | " | " |
| Mar.  | 10. | $\frac{1}{2}$ in. below                  | " | " |
|       | 20. | $\frac{1}{4}$ in. above                  | " | " |
|       | 30. | $1\frac{3}{4}$ in. below                 | " | " |
| April | 10. | $\frac{1}{4}$ in.                        | " | " |
|       | 20. | $\frac{1}{4}$ in.                        | " | " |
|       | 30. | $\frac{3}{4}$ in.                        | " | " |
| May   | 10. | $1\frac{1}{2}$ in.                       | " | " |

|       |     |                               |   |   |
|-------|-----|-------------------------------|---|---|
| May   | 20. | 2½ in. below high water mark. |   |   |
|       | 30. | Full pond.                    |   |   |
| June  | 10. | ½ in. above                   | " | " |
|       | 20. | 2 in. below                   | " | " |
|       | 30. | 7 in.                         | " | " |
| July  | 10. | 9½ in.                        | " | " |
|       | 20. | 11¾ in.                       | " | " |
|       | 30. | 10½ in.                       | " | " |
| Aug.  | 10. | 7 in.                         | " | " |
|       | 20. | 5 in.                         | " | " |
|       | 30. | 7½ in.                        | " | " |
| Sept. | 10. | 12 in.                        | " | " |
|       | 20. | 11½ in.                       | " | " |
|       | 30. | 13½ in.                       | " | " |
| Oct.  | 10. | 14¼ in.                       | " | " |
|       | 20. | 14¾ in.                       | " | " |
|       | 30. | 14 in.                        | " | " |
| Nov.  | 10. | 13⅛ in.                       | " | " |
|       | 20. | 10½ in.                       | " | " |
|       | 30. | 2 in.                         | " | " |
| Dec.  | 10. | 1 in. above                   | " | " |
|       | 20. | 1 in.                         | " | " |
|       | 30. | ¼ in.                         | " | " |

## COMPARATIVE RECORD.

*Showing the lowest points below high-water mark to which the pond has been drawn since 1874.*

1874—Lowest point, 43 inches, Dec. 7.

1875—Lowest point, 61 inches, Feb. 22. Pond full, June 23.

Next lowest point, 33 inches, Nov. 10.

1876—Lowest point, 37 inches, Nov. 6. Pond full, March 25.

1877—Lowest point, 33 inches, Sept. 30. Pond full, March 15.

- 1878—Lowest point, 27 1-2 inches, Nov. 13. Pond full, Jan. 15. Pond full, second time, Dec. 14.
- 1879—Lowest point, 45 inches, Dec. 20. Pond full and running over at waste-way from Jan. 1, to May 20.
- 1880—Lowest point 63 1-4 inches, Dec. 30; highest point May 10; being then 12 inches below high-water mark.
- 1881—Lowest point, 65 inches, Jan. 8, at which time the water is down to the top of the pipe at the gate-house; commenced pumping, and continued until Jan. 22. The pump was started again Feb. 6, and run until Feb. 13. Pond full and running over from March 22 to April 30. Next lowest point 32 inches, Dec. 22.
- 1882—Lowest point, 37 1-2 inches, Dec. 21. Pond full and running over at waste-way from March 3 to April 3.
- 1883—Lowest point, 82 inches, Dec. 30. The highest point reached was 15 inches below high-water mark, May 30. Commenced pumping Sept. 23, and continued to pump to this time, Dec. 31.
- 1884—Lowest point, 82 1-2 inches, Jan. 1. Pond full and running over from April 16 to May 10. Next lowest point 40 1-4 inches, Nov. 23.
- 1885—Lowest point, 41 1-2 inches, Oct. 31. The highest point reached was on May 24, when it was 4 1-2 inches below high-water mark.
- 1886—Lowest point, 55 inches, Nov. 10. Full pond, running over at water-way from Feb. 14 to April 26.
- 1887—Lowest point, 41 3-4 inches, Dec. 10. Full pond from March 20 to May 10.
- 1888—Lowest point, 38 inches, Feb. 17. Full pond from April 3 to June 2, and from Nov. 30 to Dec. 31.
- 1889—Lowest point 14 3-4 inches, Oct. 20. Full pond, running over water-way Dec. 10.



## TABLE SHOWING LEVELS BELOW SPOT POND ROLLWAY.

Surveys made in 1884 by PERCY M. BLAKE, C. E., and  
GEORGE H. BISHOP, C. E.

| Below<br>Rollway. |                                                                 |
|-------------------|-----------------------------------------------------------------|
| Feet.             | Reservoir 98 feet above rollway.                                |
| 0.00              | Rollway.                                                        |
| 5.61              | Lowest point on pipe line bet'n Woodland ave. and Ravine rd.    |
| 22.39             | Summit of Ravine road, near spring barrel in ground.            |
| 83.00             | Northwest corner Ravine road and Washington street.             |
| 92.20             | Intersection of Ravine road and Wyoming Avenue.                 |
| 97.19             | Intersection of Trenton street and Wyoming Avenue.              |
| 98.53             | West rail Boston & Maine Railroad at Wyoming station.           |
| 0.37              | Piazza floor of W. P. Sargent's house on Wyoming Hill.          |
| 99.62             | Intersection Berwick street and Wyoming Avenue.                 |
| 91.56             | Corner Main and Foster streets.                                 |
| 86.06             | Fall from rollway to top of underpinning of Town Hall.          |
| 32.00             | Sill of lower window of J. O. Norris' house, Cedar Park.        |
| 92.17             | Intersection of Main and Essex streets.                         |
| 41.09             | Intersection of Upham street and Bellevue Avenue.               |
| 13.78             | Sill of Upham street schoolhouse.                               |
| 18.00             | In front of G. W. Chipman's house on extension of Tremont st.   |
| 3.00              | Top of hill, opposite G. W. Chipman's house.                    |
| 73.00             | Track of Boston & Maine railroad, 100 ft. north of Franklin st. |
| 18.00             | Foundation of P. W. Curry's house, Orris street.                |
| 3.16              | Doleful Pond above Spot Pond, Nov. 13, 1884.                    |

## HYDRANTS.

Every hydrant has been thoroughly examined, cleaned and oiled and neatly painted.

Eleven new hydrants have been added since the last report, and are located as follows:

One on Albion street, near W. H. Stewart's house.

Two on Baxter, near Cleveland and Whittier streets.

Two on Bellevue avenue.

One on Botolph, near Summit avenue.

One on Chestnut Park.

One on Dill court.

One on Second street, corner Gooch street,

One on Union street, near Boardman house.

One on Woodland avenue, opposite Gyngalls' house.

## SERVICE PIPE.

One hundred and thirty-five new services have been laid during the year.

$\frac{3}{4}$  in. pipe from mains to street line, 2,780 feet.

$\frac{3}{4}$  in. pipe from street line to cellars, 2,538 feet.

## GATES SET IN 1889.

One 6-inch on Baxter street, junction of Cleveland street.

One 6-inch on Bellevue avenue, junction of Porter street.

One 4-inch on Botolph street, junction of West hill avenue.

One 4-inch on Botolph street, junction of Woodland avenue.

One 4-inch on Baxter street, junction of Whittier street.

One 4-inch on Gooch street, junction of Grove street.

One 4-inch on Linwood avenue, junction of Lynde street.

One 4-inch on Melrose street, junction of Warren street.

One 4-inch on Sixth street, junction of Third street.

One 6-inch on Third street, junction of Larrabee street.

- One 6-inch on Grove street, junction of new street.
- One 6-inch on Grove street, junction of new street.
- One 6-inch on Grove street, junction of new street.
- One 4-inch on Bellemont street, junction of new street.
- One 6-inch on Orris street, junction of new street.

## RESERVOIR.

During the year, the pine trees in the vicinity of the reservoir have been removed, since which time we had no farther trouble from pine needles being blown into the reservoir, thus avoiding the necessity and expense of drawing off the water and cleaning the basin.

## PUMPING STATION.

The buildings are in good order, except the coal sheds, which should be painted this year. The pumps and boilers are in good repair, and have been well kept. Expenses for repairs have been slight the past year, the engineer having done the work required.

## FURNITURE, STOCK, &amp;C., ON HAND JAN. 1, 1890.

|                                       |   |   |   |            |
|---------------------------------------|---|---|---|------------|
| Stock on hand, estimated cost         | . | . | . | \$1,788 70 |
| Office furniture.                     | . | . | . | 475 00     |
| Tools and fixtures at pumping station | . | . | . | 100 00     |
| Tools and fixtures at shop            | . | . | . | 850 00     |
| Horses, wagons, &c.,                  | . | . | . | 850 00     |
|                                       |   |   |   | <hr/>      |
|                                       |   |   |   | \$4,063 70 |

Respectfully submitted,

JAMES W. RILEY,  
*Superintendent.*

TOTAL AMOUNT AND LOCATION OF MAIN AND DISTRIBUTING PIPES  
TO PRESENT TIME.

| STREETS.                | FEET OF PIPE. |        |        |        |       |        |        | Hydrants. | GATES. |        |        |       |       |       |
|-------------------------|---------------|--------|--------|--------|-------|--------|--------|-----------|--------|--------|--------|-------|-------|-------|
|                         | 16-in.        | 14-in. | 12-in. | 10-in. | 8-in. | 6-in.  | 4-in.  |           | 16-in. | 12-in. | 10-in. | 8-in. | 6-in. | 4-in. |
| Albion.....             |               |        |        |        |       |        | 477    | 1         |        |        |        |       |       | 1     |
| Allen Place.....        |               |        |        |        |       |        | 138    |           |        |        |        |       |       | 1     |
| Ashland.....            |               |        |        |        |       |        | 1,955  | 2         |        |        |        |       |       | 4     |
| Auburn.....             |               |        |        |        |       |        | 372    |           |        |        |        |       |       | 1     |
| Avon.....               |               |        |        |        |       |        | 422    |           |        |        |        |       |       | 1     |
| Baxter.....             |               |        |        |        |       | 946    | 494    | 3         |        |        |        | 1     |       | 1     |
| Battery Place.....      |               |        |        |        |       |        | 150    |           |        |        |        |       |       | 1     |
| Batchelder.....         |               |        |        |        |       |        | 834    | 1         |        |        |        |       | 2     |       |
| Borneo.....             |               |        |        |        |       | 924    |        | 2         |        |        |        | 1     |       |       |
| Bellevue Avenue.....    |               |        |        |        |       | 1,416  | 1,026  | 4         |        |        |        | 2     |       |       |
| Botolph.....            |               |        |        |        |       | 232    | 847    | 2         |        |        |        | 2     | 2     |       |
| Belmont.....            |               |        |        |        |       |        | 376    |           |        |        |        |       |       | 1     |
| Berwick.....            |               |        |        |        |       |        | 1,226½ | 1         |        |        |        |       | 2     | 2     |
| Brazil.....             |               |        |        |        |       |        | 1,115  | 2         |        |        |        |       |       | 2     |
| Cedar Park.....         |               |        |        |        |       |        | 1,206½ | 595       | 2      |        |        |       | 2     | 1     |
| Charles.....            |               |        |        |        |       |        | 335    | 1         |        |        |        |       |       |       |
| Chestnut.....           |               |        |        |        |       |        | 817    | 1         |        |        |        |       | 2     |       |
| Circuit.....            |               |        |        |        |       |        | 438    |           |        |        |        |       | 2     |       |
| Cleveland.....          |               |        |        |        |       |        | 1,065  | 1         |        |        |        |       |       | 1     |
| Cottage.....            |               |        |        |        |       |        | 1,142  | 193       | 2      |        |        |       | 2     |       |
| Chestnut Park.....      |               |        |        |        |       |        | 226    | 1         |        |        |        |       |       |       |
| Dell Avenue.....        |               |        |        |        |       |        | 1,190  |           |        |        |        |       |       | 1     |
| Dill's Court.....       |               |        |        |        |       |        | 360    | 1         |        |        |        |       |       | 1     |
| East.....               |               |        |        |        |       |        | 534    |           |        |        |        |       |       | 1     |
| Ellsworth Avenue.....   |               |        |        |        |       |        |        | 314       |        |        |        |       |       | 1     |
| Elm.....                |               |        |        |        |       |        | 1,057  | 1         |        |        |        |       |       | 1     |
| Emerald.....            |               |        |        |        |       |        | 508    | 1         |        |        |        |       | 2     |       |
| Emerson Place.....      |               |        |        |        |       |        |        | 251       |        |        |        |       |       | 1     |
| Emerson.....            |               |        |        |        |       | 1,159½ | 3,987  | 6         |        |        |        | 2     | 4     |       |
| Essex.....              |               |        |        |        |       |        | 1,890  | 3         |        |        |        |       | 2     |       |
| Felton Place.....       |               |        |        |        |       |        |        | 245       |        |        |        |       |       | 1     |
| Fifth.....              |               |        |        |        |       |        | 934    |           |        |        |        |       |       | 3     |
| First.....              |               |        |        |        |       | 1,883  |        | 3         |        |        |        | 2     |       |       |
| Florence.....           |               |        |        |        |       |        | 1,340½ | 1         |        |        |        |       | 2     |       |
| Foster.....             |               |        |        |        |       | 682    | 1,470½ | 2         |        |        |        | 1     | 2     |       |
| Franklin.....           |               |        |        |        |       | 3,305½ | 1,169  | 4         |        |        |        | 2     |       |       |
| Gooch.....              |               |        |        |        |       |        | 657    |           |        |        |        |       |       | 1     |
| Glen.....               |               |        |        |        |       |        | 532    |           |        |        |        |       |       | 1     |
| Goodyear Avenue.....    |               |        |        |        |       | 1,235  | 398    | 4         |        |        |        | 2     |       |       |
| Green.....              |               |        |        |        |       | 2,700  |        | 3         |        |        |        |       | 2     |       |
| Greenwood.....          |               |        |        |        |       |        | 1,263  | 1         |        |        |        |       | 2     |       |
| Grove.....              |               |        |        |        |       | 1,865  | 1,669½ | 4         |        |        |        |       | 1     |       |
| Grundy Place.....       |               |        |        |        |       |        |        | 202       |        |        |        |       |       | 1     |
| Herbert.....            |               |        |        |        |       |        | 220    | 158½      |        |        |        |       |       | 1     |
| High.....               |               |        |        |        |       |        | 376    | 600       | 1      |        |        |       |       | 1     |
| Highland Avenue.....    |               |        |        |        |       |        |        | 250       |        |        |        |       |       | 1     |
| Hillside Avenue.....    |               |        |        |        |       |        | 337    | 291       |        |        |        |       |       | 1     |
| Howard.....             |               |        |        |        |       |        | 922    | 383       | 1      |        |        |       | 2     |       |
| Hurd.....               |               |        |        |        |       |        | 768    |           |        |        |        |       |       | 1     |
| Ingalls Court.....      |               |        |        |        |       |        |        | 209       |        |        |        |       |       | 1     |
| Irving.....             |               |        |        |        |       |        | 387    |           |        |        |        |       |       | 1     |
| Lake Avenue.....        |               |        |        |        |       |        | 1,230  | 1         |        |        |        |       | 2     |       |
| Lebanon.....            |               |        |        |        |       |        | 3,175  | 2         |        |        |        |       |       | 3     |
| Linden.....             |               |        |        |        |       |        |        | 200       |        |        |        |       |       | 1     |
| Linden Place.....       |               |        |        |        |       |        |        | 286       |        |        |        |       |       |       |
| Lin'd Ave. & Lynde..... |               |        |        |        |       |        | 3,336  | 3         |        |        |        |       | 2     |       |
| Lynde Place.....        |               |        |        |        |       |        | 380    | 1         |        |        |        |       |       |       |
| Main.....               |               |        | 4,010  |        |       | 4,359  | 1,069  | 701       | 10     | 2      |        |       | 2     | 3     |
| Maple and Poplar.....   |               |        |        |        |       |        | 2,265½ | 2         |        |        |        |       |       | 3     |
| Melrose.....            |               |        |        |        |       |        | 2,449½ | 2         |        |        |        |       |       | 5     |
| Melrose Place.....      |               |        |        |        |       |        | 673    |           |        |        |        |       |       | 1     |
| Mt. Vernon.....         |               |        |        |        |       |        | 551    | 1         |        |        |        |       |       | 1     |
| Mt. Vernon Place.....   |               |        |        |        |       |        | 224    |           |        |        |        |       |       | 1     |

TOTAL AMOUNT AND LOCATION OF MAIN AND DISTRIBUTING PIPES  
TO PRESENT TIME.—*Continued.*

| STREETS.                  | FEET OF PIPE. |        |        |        |       |        |        | Hydrants. | GATES. |        |        |       |       |       |
|---------------------------|---------------|--------|--------|--------|-------|--------|--------|-----------|--------|--------|--------|-------|-------|-------|
|                           | 16-in.        | 14-in. | 12-in. | 10-in. | 8-in. | 6-in.  | 4-in.  |           | 16-in. | 12-in. | 10-in. | 8-in. | 6-in. | 4-in. |
| Myrtle.....               |               |        |        |        |       |        | 2,230  |           | 3      |        |        |       |       | 6     |
| Ninth.....                |               |        |        |        |       |        |        | 255       |        |        |        |       |       | 1     |
| Oakland.....              |               |        |        |        |       |        | 1,161  |           | 1      |        |        |       |       | 1     |
| Orient.....               |               |        |        |        |       |        | 1,047  |           | 1      |        |        |       |       | 2     |
| Orient Place.....         |               |        |        |        |       |        |        | 184       |        |        |        |       |       | 1     |
| Orris.....                |               |        |        |        |       |        | 1,268  |           |        |        |        |       |       | 3     |
| Otis.....                 |               |        |        |        |       |        |        | 780       |        |        |        |       |       |       |
| Panama.....               |               |        |        |        |       | 112    |        |           |        |        |        |       |       |       |
| Para.....                 |               |        |        |        |       | 268    |        |           |        |        |        |       |       |       |
| Perkins.....              |               |        |        |        |       |        | 236    |           |        |        |        |       |       | 1     |
| Pine.....                 |               |        |        |        |       |        | 338    |           | 1      |        |        |       |       | 1     |
| Pleasant.....             |               |        |        |        |       | 186    |        | 1,125     | 1      |        |        |       |       | 1     |
| Porter.....               |               |        |        |        |       |        | 2,514½ |           | 3      |        |        |       |       | 1     |
| Pond to Wy'ng Ave.....    | 3,810         |        |        |        |       |        |        |           | 2      |        |        |       |       |       |
| Pratt.....                |               |        |        |        |       |        | 378    |           | 1      |        |        |       |       | 1     |
| Prospect Avenue.....      |               |        |        |        |       |        | 500    |           | 1      |        |        |       |       | 1     |
| Pump to int' section..... |               |        | 3,032  |        |       |        |        |           | 2      | 2      |        |       |       |       |
| Prospect.....             |               |        |        |        |       |        | 1,026  |           | 1      |        |        |       |       | 1     |
| Reservoir.....            |               | 96     |        |        |       |        |        |           |        |        |        |       |       |       |
| Rowe.....                 |               |        |        |        |       |        | 910    | 552       | 2      |        |        |       |       | 3     |
| Res. to Ravine Rd.....    |               | 1,370  |        |        |       |        |        |           | 2      |        |        |       |       |       |
| Russell.....              |               |        |        |        |       |        | 448    |           |        | 2      |        |       |       | 1     |
| Sanford.....              |               |        |        |        |       | 220    |        |           |        |        |        |       |       |       |
| School.....               |               |        |        |        |       |        |        | 495       |        |        |        |       |       |       |
| Second.....               |               |        |        |        |       | 1,318  |        |           | 4      |        |        |       | 1     |       |
| Seventh.....              |               |        |        |        |       |        |        | 288       |        |        |        |       |       | 1     |
| Short.....                |               |        |        |        |       |        | 216    |           |        |        |        |       |       | 2     |
| Sixth.....                |               |        |        |        |       |        | 810    |           |        |        |        |       |       | 3     |
| Stevens Place.....        |               |        |        |        |       |        | 110    | 216       |        |        |        |       |       |       |
| Summer.....               |               |        |        |        |       |        | 961    |           | 2      |        |        |       |       | 2     |
| Summit Avenue.....        |               |        |        |        |       |        | 442    |           | 1      |        |        |       |       | 1     |
| Suction.....              |               |        | 250    |        |       |        |        |           |        |        |        |       |       |       |
| Tappan.....               |               |        |        |        |       |        |        | 521       |        |        |        |       |       | 1     |
| Tenth.....                |               |        |        |        |       |        | 419    |           |        |        |        |       |       | 2     |
| Third.....                |               |        |        |        |       |        | 371    | 247       |        |        |        |       |       | 2     |
| Tremont.....              |               |        |        |        |       |        | 3,180  | 500       | 3      |        |        |       |       | 4     |
| Trenton.....              |               |        |        |        |       | 1,223  | 1,331½ |           | 2      |        |        |       | 2     |       |
| Tibbetts Place.....       |               |        |        |        |       |        | 144    |           |        |        |        |       |       | 1     |
| Union.....                |               |        |        |        |       |        | 673    |           |        |        |        |       |       | 2     |
| Upham.....                |               |        |        |        |       |        | 5,581  |           | 6      |        |        |       |       | 3     |
| Vine.....                 |               |        |        |        |       |        | 691    |           |        |        |        |       |       | 2     |
| Vinton.....               |               |        |        |        |       | 4,817½ | 436    |           | 7      |        |        |       | 4     |       |
| Walnut.....               |               |        |        |        |       |        | 187½   |           |        |        |        |       |       | 1     |
| Walton Park.....          |               |        |        |        |       |        | 1,097  |           | 2      |        |        |       |       |       |
| Warren.....               |               |        |        |        |       |        | 1,342  |           | 2      |        |        |       |       | 2     |
| Washington.....           |               |        |        |        |       |        | 3,025  |           | 3      |        | 2      |       |       | 2     |
| Waverly Place.....        |               |        |        | 960    |       |        | 690½   |           | 1      |        |        |       |       | 1     |
| West Hill.....            |               |        |        |        |       |        | 158    |           |        |        |        |       |       | 1     |
| Wing.....                 |               |        |        |        |       |        | 375    |           |        |        |        |       |       | 1     |
| Willow.....               |               |        |        |        |       |        |        | 663       |        |        |        |       |       | 1     |
| Winter.....               |               |        |        |        |       |        | 241    |           |        |        |        |       |       | 1     |
| Winthrop Place.....       |               |        |        |        |       |        | 520    |           | 1      |        |        |       |       |       |
| Winthrop.....             |               |        |        |        |       |        | 695½   |           |        |        |        |       |       | 2     |
| Woodland Ave.....         |               |        |        |        |       |        | 134    |           | 1      |        |        |       |       |       |
| Wyoming Avenue.....       | 3,360         |        |        |        |       |        | 1,076  |           | 3      | 3      |        |       |       | 1     |
| Waste.....                |               |        |        |        |       | 55     | 51     |           |        |        |        |       | 3     | 2     |
| Youle.....                |               |        |        |        |       |        | 1,655½ |           | 2      |        |        |       |       | 1     |
| Grove, South.....         |               |        |        |        |       | 232    |        |           |        |        |        |       | 1     |       |
| " South.....              |               |        |        |        |       | 158    |        |           |        |        |        |       | 1     |       |
| " South.....              |               |        |        |        |       | 228    |        |           |        |        |        |       | 1     |       |
| Bellemont, West.....      |               |        |        |        |       |        | 302    |           |        |        |        |       | 1     |       |
| Orris, South.....         |               |        |        |        |       | 162    |        |           |        |        |        |       | 1     |       |
|                           | 7,170         | 96     | 8,752  | 960    | 1,235 | 28,700 | 89,298 | 10,993    | 142    | 5      | 6      | 2     | 2     | 39    |
|                           |               |        |        |        |       |        |        |           |        |        |        |       | 137   | 21    |

Total length of main and distributing pipes, 27 85-100 miles.

STREET MAINS. TABLE SHOWING LOCATION, SIZE, LENGTH OF PIPE, ETC., LAID IN 1889.

## REPORT OF WATER SUPERINTENDENT.

33

| Street.            | Size of Pipe. |     |   |   | Cost<br>of<br>Pipe. | Labor.   | Bbls.<br>Cement. | Sand.<br>Loads. | Cost<br>Per Foot. | Gates.    |   | Hydrants. |         | Branch. |         | Total. |      |         |          |
|--------------------|---------------|-----|---|---|---------------------|----------|------------------|-----------------|-------------------|-----------|---|-----------|---------|---------|---------|--------|------|---------|----------|
|                    | 12            | 10  | 8 | 6 |                     |          |                  |                 |                   | 6         | 4 | 6         | 4       | 6       | 4       |        |      |         |          |
| Bellevue ave.      | 642           | 26  |   |   | \$264 60            | \$118 12 | 36 5/4           | 5               | \$8 75            | 66 2/3    | 1 | 2         | \$18 50 | 2       | \$66 00 | 1      | 1    | \$20 76 | \$550 73 |
| Botolph, Ledges.   | 232           | 412 |   |   | 226 40              | 215 12   | 29 43            | 50              | 8 75              | 78 1/4    |   | 2         | 29 00   | 1       | 33 00   | 1      | 1    | 8 25    | 564 02   |
| Melrose            | 135           |     |   |   | 54 00               | 24 32    | 8                | 12 00           | 1                 | 68 1/4    |   | 1         | 18 50   |         |         |        |      | 6 25    | 116 82   |
| Whittier & Sanford | 946           | 10  |   |   | 381 40              | 127 53   | 54               | 81 00           | 6                 | 62 7-9    |   | 7         | 18 50   | 2       | 66 00   | 6      | 31   | 50      | 716 43   |
| Cleveland          |               | 197 |   |   | 49 10               | 35 75    | 8                | 12 00           | 1                 | 49 15-19  |   | 1         | 15 10   | 1       |         |        |      |         | 113 20   |
| Union              |               | 143 |   |   | 42 90               | 16 50    | 8                | 12 00           | 1                 | 51        |   | 16        | 3 60    | 1       | 33 00   | 1      | 3 00 |         | 112 50   |
| Albion             |               | 32  |   |   | 9 60                | 6 00     | 2                | 3 00            |                   |           |   | 6         | 3 60    | 1       | 33 00   |        |      |         | 55 20    |
| Dill court         |               |     |   |   |                     | 6 00     | 1                | 1 50            |                   |           |   | 4         | 2 40    | 1       | 33 00   | 1      | 3 00 |         | 45 90    |
| Chestnut Park      |               |     |   |   |                     |          |                  |                 |                   |           |   | 2         | 2 40    | 1       | 33 00   |        |      |         | 48 80    |
| Linwood ave.       |               | 8   |   |   | 2 40                | 9 00     | 1                | 1 50            |                   |           |   | 3         | 18 60   |         |         |        |      |         | 129 50   |
| Sixth              |               | 222 |   |   | 66 60               | 29 30    | 9                | 13 50           | 1                 | 51        |   |           |         |         |         |        |      |         | 286 53   |
| Woodland ave       |               | 518 |   |   | 155 40              | 78 38    | 21               | 31 50           | 2                 | 51 46-51  |   |           | 14 50   | 1       | 33 00   | 1      | 3 25 |         | 256 53   |
| Gooch              |               | 134 |   |   | 40 20               | 41 18    | 6                | 9 00            | 1                 | 68 5-13   |   |           | 14 50   | 1       |         | 1      | 4 00 |         | 128 63   |
| Franklin           |               | 320 |   |   | 96 00               | 61 66    | 12               | 18 00           | 1                 | 55 9-32   |   |           |         | 1       |         | 1      | 3 00 |         | 184 41   |
| Sanford            | 150           |     |   |   | 60 00               | 115 12   | 6                | 9 00            | 1                 | 124 11-15 |   |           |         |         |         |        |      |         | 185 62   |
| Pleasant           | 220           |     |   |   | 88 00               | 30 56    | 12               | 18 00           | 1 1/2             | 2 00      |   |           |         |         |         |        |      |         | 138 56   |
| Grove, off Whitman | 186           |     |   |   | 74 40               | 13 52    | 10               | 15 00           | 1                 | 56 1-9    |   |           |         |         |         |        |      |         | 104 42   |
| Grove, off Goss    | 158           |     |   |   | 63 20               | 30 56    | 8                | 12 00           | 1 1/2             | 68 1-7    | 1 |           | 18 50   |         |         | 1      | 5 25 |         | 131 50   |
| Grove, off Faxon   | 228           |     |   |   | 91 20               | 36 64    | 12               | 18 00           | 2                 | 65 1-16   | 1 |           | 20 60   |         |         | 1      | 5 25 |         | 174 19   |
| Third              | 232           |     |   |   | 92 80               | 32 98    | 12               | 18 00           | 2                 | 62 18-29  | 1 |           | 18 50   |         |         |        |      |         | 164 78   |
| First              | 104           |     |   |   | 41 60               | 17 79    | 8                | 12 00           | 2                 | 71        | 1 |           | 22 00   |         |         |        |      |         | 95 89    |
| Gooch              | 80            |     |   |   | 32 00               | 11 59    | 4                | 6 00            | 1                 | 63 11-30  |   |           |         |         |         |        |      |         | 50 84    |
| Second             | 337           |     |   |   | 101 10              | 48 64    | 16               | 24 00           | 2 1/4             | 3 00      |   |           |         |         |         | 1      | 3 25 |         | 179 99   |
| Circuit            | 133           |     |   |   | 53 20               | 20 00    | 9                | 13 50           | 1                 | 52 50-67  |   |           |         | 1       | 33 00   | 6      | 5 25 |         | 126 45   |
| Off Orris,         |               | 282 |   |   | 84 60               | 33 70    | 12               | 18 00           | 2                 | 66 7-22   |   |           |         |         |         | 2      | 6 00 |         | 144 80   |
| Off Bellemont      | 162           |     |   |   | 64 80               | 46 89    | 10               | 15 00           | 1                 | 49 1/4    |   |           |         |         |         | 1      | 5 25 |         | 151 69   |
| Melrose place      |               | 302 |   |   | 90 60               | 42 42    | 13               | 19 50           | 2                 | 72 65-81  |   |           | 18 50   |         |         |        |      |         | 172 52   |
|                    |               | 163 |   |   | 48 90               | 21 55    | 7                | 10 50           | 2                 | 50 9-10   |   |           | 14 50   |         |         | 1      | 3 00 |         | 83 45    |
|                    |               |     |   |   |                     |          |                  |                 |                   | 51 1-5    |   |           |         |         |         |        |      |         |          |



# REPORT

## OF THE

### WATER LOAN SINKING FUND COMMISSIONERS.

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MELROSE, Dec. 31, 1889.

The Water Loan Sinking Fund Commissioners present the following report, covering the year ending with the above date.

|                                                                                       |            |
|---------------------------------------------------------------------------------------|------------|
| The amount on hand in cash at the beginning of the year was . . . . .                 | \$2,418 05 |
| Received from various investments, interest .                                         | 1,687 31   |
| Received from the Water Board, being surplus income for the year ending Dec. 31, 1888 | 3,829 22   |
| There has been invested in mortgages on real estate in Melrose . . . . .              | 2,500 00   |
| Deposited in Suffolk Savings Bank, Boston .                                           | 1,000 00   |
| Deposited in Five Cents Savings Bank, Boston                                          | 1,000 00   |
| Deposited in Melrose Savings Bank . . .                                               | 3,424 58   |

For particular account of the above receipts and investments, reference is made to the report of Mr. George Newhall as treasurer of the Sinking Fund.



The present condition of the Sinking Fund is as follows :

|                                                                             |             |
|-----------------------------------------------------------------------------|-------------|
| Invested in mortgages on real estate in Melrose                             | \$16,300 00 |
| Invested in Melrose Water Bonds, high service,<br>4s, due in 1905 . . . . . | 13,000 00   |
| Invested in Melrose Water Bonds, construction<br>4s, due in 1907 . . . . .  | 3,000 00    |
| United States bonds, 4½ per cent. . . . .                                   | 3,500 00    |
| City of Providence 5 per cent. bonds . . . . .                              | 1,000 00    |
| Deposited in Savings Banks :                                                |             |
| Suffolk, of Boston . . . . .                                                | \$1,000     |
| Five Cent, of Boston . . . . .                                              | 1,000       |
| Melrose Savings Bank . . . . .                                              | 3,424 58    |
|                                                                             | <hr/>       |
|                                                                             | 5,424 58    |
|                                                                             | <hr/>       |
|                                                                             | \$42,224 58 |

This amount will be further increased when the fund receives from the Water Board the surplus income for 1889 . . . . . \$4,284 50

The first issue of water bonds was \$100,000.00. These bonds will fall due July 1, 1890. To meet them we have the above-named fund, together with such interest as may be earned during the next six months ; the premium from the sale of our present securities, and the premium, if any, from the sale of such new bonds as the town may decide to issue, and this aggregate amount will, your commissioners estimate, amount to \$50,000.00, leaving \$50,000.00 to be paid from the proceeds of an issue of new bonds, or in some other manner.

Your commissioners would recommend the issue of new bonds for \$50,000.00 in pieces of \$1,000.00 each, bearing interest at the rate of four per cent. per annum, payable semi-annually ; said bonds to be made payable as follows : \$10,000.00 on July 1, 1895, and \$10,000.00 each year there-

after, till all are paid. Your commissioners estimate that with the saving of interest in the refunding of this portion of the loan, and from the growing surplus coming annually to this fund from the water department, the Sinking Fund will easily pay these bonds as they become due. In connection with this, your commissioners would call your attention to the fact that the second issue of these bonds, \$50,000.00, will become due in 1892, when some provision will have to be made for their payment.

The total water debt, after paying the above sum of \$50,000.00, will still amount to \$167,000.00, as the issue of new bonds since 1885 has increased the debt somewhat faster than the Sinking Fund has increased.

## STATEMENT OF WATER DEBT.

|                                                 |              |
|-------------------------------------------------|--------------|
| Bonds due July 1, 1890 . . . . .                | \$100,000 00 |
| Less estimated available assets in Sinking Fund | 50,000 00    |
|                                                 | <hr/>        |
|                                                 | \$50,000 00  |
| Bonds due Oct. 1, 1892 (6 per cent.) . . .      | 50,000 00    |
| High Service, due Nov. 1, 1905 (4 per cent) .   | 37,000 00    |
| Construction Bonds, due May 1, 1907 (4 per ct.) | 30,000 00    |
|                                                 | <hr/>        |
|                                                 | \$167,000 00 |

Respectfully submitted,

DANIEL RUSSELL,

JOHN W. FARWELL,

ROYAL P. BARRY,

*Water Loan Sinking Fund Commissioners.*

REPORT OF THE TRUSTEES

OF THE

MELROSE PUBLIC LIBRARY

FOR THE

YEAR ENDING DECEMBER 31, 1889.

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MELROSE :

DUNTON & POTTER, PRINTERS.

1890.



NINETEENTH ANNUAL REPORT  
OF THE  
TRUSTEES OF THE PUBLIC LIBRARY.

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The trustees of the public library in submitting their nineteenth annual report, take pleasure in stating the progress that has been made during the year, in the general work of the institution.

Early in the spring we placed in the library and reading room the books purchased from the William Emerson Barrett Fund, relating to Architecture, Landscape Gardening and Interior Decoration; and distributed throughout the town finding lists, containing the titles of these, as of the other works in the library bearing on the same subject.

To make the library more helpful to the public schools, the trustees have informed the teachers, that at any time when especial topics are to be used in the lessons, the librarian will make a list of the books in the library pertaining to the subject, provided she is duly notified of the topic; and will send the same to the teacher so requesting it.

Heretofore, the library has been opened on Wednesday afternoon and evening, but by dispensing with the afternoon hours of this day only, and opening on Tuesday, Thursday and Friday from four to five p. m., we have a daily distribution of books, thereby increasing the efficiency of the circulation and more generally meeting the wants of the patrons. Library hours will be Monday and Wednesday, from 6.30 to

9 p. m. ; Tuesday, Thursday and Friday, 4 to 5 p. m. ; Saturday 2.30 to 9 p. m.

The reading room will be open as usual every evening in the week, also on Wednesday and Saturday afternoons, with the exception of legal holidays and the monthly meeting of the school committee.

The rule, regarding the distribution of books, has been so modified that hereafter no book returned to the library will be delivered the same day. We regret that abuse of the privilege of transferring from card to card necessitated this change.

The income from the Horatio Nelson Perkins Fund, has been expended in continuing the early history of our republic, by purchasing the Life of Washington from 1776-77 in five volumes, by Washington Chauncy Ford.

Government Reports of Working Women in large cities, and Marriage and Divorce 1867-1886, have been received through the kindness of Mr. C. S. Mixter, to whom, as to all other donors of books or pamphlets, the thanks of the board are extended.

We call attention to the Query Book, which, with pencil attached, will be found on the reading desk in the reading room. We hope it will be used discreetly, as it is intended only for such questions as remain unanswered after thorough search by the querist.

What are we to do for library room, is still the perplexing question ? Each year perceptibly diminishes our space for storing the books, as well as the shelf room for those in daily use, and crowds the patrons nearer and nearer the door; yet the outlook for better accommodation does not brighten.

May we suggest a Memorial Hall, one that would architecturally honor not only our fallen, but our living heroes? One that would have room, not for the books as now arrang-

ed, but would permit of a complete classification of the whole library, including its valuable war records and public documents.

The faithful librarian and her assistants have cheerfully attended to their increasing duties.

The statistics of the library and reading room will be found in the annexed report of the librarian.

For the year 1890-91, your trustees ask an appropriation of seven hundred and fifty dollars and the dog tax, for the library and reading room.

Respectfully submitted,

ELBRIDGE H. GOSS,  
CHARLES C. BARRY,  
RUBY F. FARWELL,  
MARY L. CHARLES,  
CHARLES A. PATCH,

*Trustees.*



## MELROSE PUBLIC LIBRARY.

## STATEMENT OF HORATIO NELSON PERKINS FUND.

JANUARY 1, 1889, TO JANUARY 1, 1890.

## CR.

|                                         |          |
|-----------------------------------------|----------|
| By balance on hand Jan. 1, 1889 . . . . | \$500 90 |
| interest from Melrose Savings Bank . .  | 20 00    |
|                                         | <hr/>    |
|                                         | \$520 90 |

## DR.

|                                            |          |
|--------------------------------------------|----------|
| To cash paid G. P. Putnam's Sons, book . . | 20 00    |
| Balance on hand . . . . .                  | 500 90   |
|                                            | <hr/>    |
|                                            | \$520 90 |

## STATEMENT OF THE WILLIAM EMERSON BARRETT FUND.

JANUARY 1, 1889, TO JANUARY 1, 1890.

## CR.

|                                        |          |
|----------------------------------------|----------|
| By amount of gift . . . . .            | \$100 00 |
| interest from Melrose Savings Bank . . | 2 92     |
|                                        | <hr/>    |
|                                        | \$102 92 |

## DR.

|                                             |          |
|---------------------------------------------|----------|
| To cash paid DeWolf, Fiske & Co., books . . | \$26 62  |
| “ “ T. W. Ripley, printing . . . .          | 75       |
| Balance on hand . . . . .                   | 75 55    |
|                                             | <hr/>    |
|                                             | \$102 92 |

## COLLECTIONS BY LIBRARIAN.

|                                             |         |
|---------------------------------------------|---------|
| For catalogues sold during the year . . . . | 8 40    |
| finer collected . . . . .                   | 71 54   |
|                                             | <hr/>   |
|                                             | \$79 94 |

|                                                                                               |         |
|-----------------------------------------------------------------------------------------------|---------|
| Less for sundry expenses, post-office box, tapes,<br>carpet, stamps, stationery, etc. . . . . | 26 16   |
|                                                                                               | <hr/>   |
| Balance on hand . . . . .                                                                     | \$53 78 |

Respectfully submitted,

C. A. PATCH,

*Treasurer.*

## STATISTICS FOR 1889.

|                                                    |           |
|----------------------------------------------------|-----------|
| Number of volumes in library, Jan. 1st, 1889 . . . | 7,816     |
| “ “ purchased this year . . .                      | 369       |
| “ “ donated “ “ . . .                              | 10        |
|                                                    | <hr/> 379 |
| “ “ in library, Jan. 1st, 1890 . . .               | 8,195     |
| “ persons using library, Jan. 1st, 1889 . . .      | 3,170     |
| “ cards issued this year . . .                     | 321       |
| “ “ relinquished this year . . .                   | 37        |
|                                                    | <hr/> 284 |
| “ persons using library, Jan. 1st, 1890 . . .      | 3,454     |
| Largest number of volumes issued in one day . . .  | 495       |
| Smallest “ “ “ “ . . .                             | 56        |
| Average “ “ “ Mondays . . .                        | 97        |
| “ “ “ Saturdays . . .                              | 375       |
| Whole “ “ “ March . . .                            | 3,533     |
| “ “ “ May . . .                                    | 2,705     |
| “ “ “ November . . .                               | 2,932     |
| “ “ “ December . . .                               | 2,370     |
| “ “ “ in 1889 . . .                                | 33,052    |

## READING ROOM.

|                                                    |        |
|----------------------------------------------------|--------|
| Number of persons using the reading room, Jan. 1,  |        |
| 1889 . . . . .                                     | 10,908 |
| Number of persons using the reading room, Jan. 1,  |        |
| 1890 . . . . .                                     | 11,701 |
| Largest number of visitors in one month . . .      | 1,282  |
| Smallest “ “ “ “ . . .                             | 812    |
| Largest “ “ “ day . . .                            | 143    |
| Books brought from library for use in reading room | 124    |
| Number of books replaced in 1889 . . .             | 100    |
| “ “ re-bound . . .                                 | 771    |
| “ magazines bound for library . . .                | 30     |

LIST OF PUBLICATIONS.

| MAGAZINES.                             | DONORS.           |
|----------------------------------------|-------------------|
| American Agriculturist . . . . .       |                   |
| American Naturalist . . . . .          |                   |
| Art Amateur . . . . .                  |                   |
| Art Magazine, Cassell's . . . . .      |                   |
| Atlantic . . . . .                     |                   |
| Academy . . . . .                      | Daniel Jefferson. |
| Century . . . . .                      |                   |
| Chambers . . . . .                     |                   |
| Chautauquan . . . . .                  |                   |
| Cottage Hearth . . . . .               | F. P. Shumway.    |
| Cosmopolitan . . . . .                 | A Friend.         |
| Eclectic . . . . .                     |                   |
| English Mechanic . . . . .             |                   |
| Electrical Review . . . . .            | G. W. Mansfield.  |
| Forum . . . . .                        |                   |
| Gartenlaube . . . . .                  |                   |
| Harper's . . . . .                     |                   |
| "    Young People . . . . .            |                   |
| "    Bazar . . . . .                   |                   |
| "    Weekly . . . . .                  |                   |
| Littell's Living Age . . . . .         |                   |
| London Punch . . . . .                 |                   |
| London Illustrated News . . . . .      |                   |
| Lippincott's . . . . .                 | A Friend.         |
| Literary World . . . . .               | Daniel Jefferson. |
| Magazine of American History . . . . . |                   |
| Modern Light and Heat . . . . .        | G. W. Mansfield.  |
| Nation . . . . .                       |                   |
| North American Review . . . . .        |                   |
| New England . . . . .                  |                   |
| Outing . . . . .                       |                   |

## MAGAZINES.

## DONORS.

|                                                      |             |
|------------------------------------------------------|-------------|
| Overland . . . . .                                   |             |
| Popular Science Monthly . . . . .                    |             |
| Scribner's . . . . .                                 |             |
| St. Nicholas . . . . .                               |             |
| Science . . . . .                                    |             |
| Scientific American . . . . .                        | W. B. Howe. |
| Scientific American, Architect and Builder . . . . . |             |
| Wide Awake . . . . .                                 |             |
| Political Science Quarterly . . . . .                |             |

## DONATIONS.

*Pamphlets.*

|                                                          |                |
|----------------------------------------------------------|----------------|
| Number of pamphlets in library Jan. 1, 1889 . . . . .    | 1,054          |
| Annual Report of Boston Public Library . . . . .         | 1              |
| “ “ “ Chelsea “ “ . . . . .                              | 1              |
| “ “ “ Chicago “ “ . . . . .                              | 1              |
| “ “ “ Holbrook “ “ . . . . .                             | 1              |
| “ “ “ Lancaster “ “ . . . . .                            | 1              |
| “ “ “ Malden “ “ . . . . .                               | 1              |
| “ “ “ Manchester, N. H., Public Library . . . . .        | 1              |
| “ “ “ Newton “ “ . . . . .                               | 1              |
| “ “ “ Watertown “ “ . . . . .                            | 1              |
| “ “ “ Woburn “ “ . . . . .                               | 1              |
| “ “ “ Somerville “ “ . . . . .                           | 1              |
| Report of Librarian of Maimonides Library . . . . .      | 1              |
| Official Gazette of U. S. Patent Office . . . . .        | 53             |
| The Tuftonian . . . . .                                  | 17             |
| Bulletin of Boston Public Library . . . . .              | 2              |
| Progress and Poverty . . . . .                           | D. Jefferson 1 |
| Letters on the Annexation of Santo Domingo . . . . .     | “ “ 1          |
| Causes and Prevention of Idiocy . . . . .                | “ “ 1          |
| A Letter for State Reform School for Girls “ “ . . . . . | 1              |
| 31st Annual Report of the Washington Home . . . . .      | “ “ 1          |

## BOOKS.

## BOOKS.

## DONORS.

|                                                   |                     |
|---------------------------------------------------|---------------------|
| The Fisheries and Fishing Industry in             |                     |
| United States, Geo. B. Goode,                     | Henry C. Lodge.     |
| Lectures on Science and Art, D. Lardner, 2 vols., | H. R. Curtis.       |
| Travels in the Great Western Prairies,            |                     |
| T. J. Farnham,                                    | H. R. Curtis.       |
| Book of the Indians of North America,             |                     |
| S. G. Drake,                                      | H. R. Curtis.       |
| The Mountain Hero, H. W. DePue,                   | H. R. Curtis.       |
| Webster, An Ode,                                  | F. S. Osgood        |
| The Private Life of Monsieur Guizot,              |                     |
| Madame DeWitt,                                    | A Friend.           |
| Profit Sharing, N. P. Gilman,                     | Rev. J. H. Heywood. |
| Bibliography of Melrose, E. H. Goss.              |                     |

## PAPERS.

## DONORS.

|                                               |                            |
|-----------------------------------------------|----------------------------|
| Alta California                               |                            |
| Christian Register                            | Woman's Aux. Unit. Church. |
| Cincinnati Gazette                            |                            |
| London Weekly Times                           |                            |
| Melrose Journal                               | W. B. Howe.                |
| Melrose Reporter                              | Dunton & Potter.           |
| New York Tribune                              |                            |
| National Tribune, G.A.R.                      |                            |
| Pilot                                         |                            |
| Springfield Republican                        |                            |
| Weekly Inter-Ocean                            |                            |
| Weekly Courier-Journal, of Louisville, Ky.    |                            |
| Weekly News and Courier, of Charleston, S. C. |                            |
| Woman's Journal                               | Mrs. M. A. Livermore.      |
| Youth's Companion                             |                            |
| Union Signal                                  | Miss H. G. Ricker.         |
| The Unity                                     | Miss Clarimond Mansfield.  |
| C. M. WORTHEN, <i>Librarian.</i>              |                            |







ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF THE

TOWN OF MELROSE,

FOR THE

Year Ending December 31, 1889.

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MELROSE:

DUNTON & POTTER, PRINTERS.

1890.

# SCHOOL COMMITTEE.

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## ORGANIZATION.

|                                       |   |   |                     |
|---------------------------------------|---|---|---------------------|
| JOHN O. NORRIS, <i>Chairman</i> ,     | . | . | Term expires, 1890. |
| MRS. S. W. BRADBURY,                  | . | . | " " 1890.           |
| MRS. A. B. P. WATERHOUSE,             | . | . | " " 1892.           |
| MR. C. F. LORING,                     | . | . | " " 1892.           |
| MRS. A. K. MILLER,                    | . | . | " " 1891.           |
| MR. JOHN C. MAKER, <i>Secretary</i> , | . | . | " " 1891.           |

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## SUB-COMMITTEES.

### *On Accounts.*

MR. LORING.  
MR. MAKER.  
MR. NORRIS.

### *Centre District.*

MRS. MILLER.  
MRS. WATERHOUSE.  
MRS. BRADBURY.

### *On High School.*

MR. NORRIS.  
MRS. BRADBURY.  
MRS. WATERHOUSE.  
MR. LORING.  
MRS. MILLER.  
MR. MAKER.

### *Highlands District.*

MRS. WATERHOUSE.  
MR. LORING.  
MR. MAKER.

### *Wyoming District.*

MR. MAKER.  
MRS. BRADBURY.  
MRS. WATERHOUSE.

### *Text-Books and Course of Study.*

MR. NORRIS.  
MRS. MILLER.  
MR. LORING.

## REPORT OF SCHOOL COMMITTEE.

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*To the Citizens of Melrose:*

The report of the School Committee for the year 1889 is respectfully presented.

### BUILDINGS AND OTHER PROPERTY.

These are in a better condition in many respects than at the time of the last annual report, and in no respect are they worse.

The principal repairs have been on the Grove street and Franklin school houses.

The buildings were painted outside and inside as much as necessary, the walls of the Grove street building were kalsomined, and the furniture in both buildings was scraped and finished so that it looks like new. These buildings, those at the Centre, at Vinton street, at the Fells and at Swain's Pond, are in very good condition.

The high school building will need attention next year. It has needed repairs for some time, but the uncertainty in the mind of the committee as to the fate of the proposal to change the interior, has led them to do as little as possible. Now that the question of remodelling is settled, there is no reason for further delay.

It has been necessary to open a school this year in the old school house at the Highlands.

This involved many repairs, the purchase of a new furnace, and the expenditure of considerable money that was not anticipated a year ago.

Yet this course seemed wise, especially when one considers the large number of young children of school age, residing on the west side of the railroad in this section of the town.

Should this building and the one at Green street continue to be used for school purposes, it will be necessary to put them into the best condition possible and to keep them so.

The complaints that were formerly made of discomfort to the pupils at the Green street building, have not been renewed since the one room used was put into order for a school.

Whether a winter of extreme cold would show the old building to be unfitted for use, with better methods of heating and better care than were formerly used, remains to be settled by trial.

With such a temperature as has prevailed during last winter and this, these rooms answer very well.

In the last report, attention was called to proper care of the furniture and other school property. We are pleased to note a great improvement in those respects in the buildings that have been put into good repair, and commend the care that has been exercised by pupils and teachers.

This is as it should be, and we venture to say that those rooms that have been cared for best, have on the whole witnessed greatest progress in study, and the best conduct and spirit in the pupils.

Ventilation is the most important subject that has been before your committee with reference to the condition of our buildings.

Like most of the towns of our state, we have not a single building that is properly ventilated.

It is true that some are provided with fireplaces, and that a fireplace with a fire in it produces some change of air, but by no means such a change as is required to remove impure

air from a room 25 x 30 feet, containing fifty or more pupils.

The best authorities all agree that about 50 cubic feet are required by each pupil, every minute; this makes 2500 cubic feet per minute for a class of 50 pupils. Now, if the ventilating opening is one foot square, there must be a current passing through it at the rate of 2500 feet per minute to do what is required.

This must satisfy every one that although a fireplace in an ordinary house, occupied by half a dozen people, affords a very satisfactory means of ventilation, it is of very little account in a crowded schoolroom.

Of still less use are the ordinary ventilating ducts usually built in the corners of schoolrooms, and opening into a ventilator, so-called, on the roof of the building.

There is usually very little motion of air through them, and frequently none at all, because there is nothing to give it motion.

The remedy lies in having larger openings for the admission of pure air, which in cold weather should be first warmed, and larger openings and flues for the removal of the foul air, and in these flues some heating apparatus or a revolving fan to create a current of sufficient velocity to do the business.

To introduce either of these plans will entail some expense, both for introduction and for maintenance, especially in the matter of fuel; but something of the kind is demanded by the law of the State, recently enacted, and by the health, comfort and progress of our children.

There is no more fruitful cause of disease than the foul air of our schoolrooms.

"For there are not only the inevitably vitiating effects produced by respiration and the constant activity of the skin in persons who are healthy and cleanly, but the additional exhalations proceeding from unclean bodies, from

ill-odored mouths, from decaying teeth, from dirty clothing too frequently accompanying the schoolboy or schoolgirl to the crowded room which is the scene of their daily tasks.

The effects of breathing and re-breathing an atmosphere thus charged with harmful matters are not far to seek. We all remember the unpleasant closeness, the headache, the languor, and sometimes nausea, resulting.

Besides these direct effects of inhaling a foul atmosphere, an indirect and not less significant consequence is recognized.

Disease may be powerless in its assaults on the perfectly healthy human system, while it may find lodgement in a body which bad air, by lowering the tone and depressing the vital vigor, has made an easy victim of epidemic influences.

Many a case of sickness proves fatal on account of an unperceived prostration of the sufferer's strength by continuous exposure to an atmosphere impure from the exhalations from the body."

All over our State there is great activity in striving to remedy this condition of things in schoolhouses.

Within two years the neighboring city of Chelsea has spent thousands of dollars in improving the sanitation and ventilation of her schoolhouses. Malden has done the same, and other towns and cities are following the example.

If the health and bodily vigor of our children did not call loudly upon us to act, if humanity did not urge upon us the necessity of doing something, common-sense, which says that, in order to obtain our fair share of the desirable exodus from the cities into suburban towns, building them up in material prosperity, we must not lag behind in those matters that make a town desirable for residence, would cause us to try to obtain the best that can be had.

We recommend the consideration of this matter in the appropriation for school contingent expenses this year, in order that a beginning, at least, may be made.

The subject of school accommodations is one that must be frequently considered. In September all our rooms will probably be occupied, as many of the classes are so crowded this year that we cannot avoid opening additional schools next year.

The high school needs additional room and better facilities for doing its work. Its numbers are constantly increasing, and it should have appropriate quarters fitted up in a way that will be as good as those of other first-class towns in the State.

Melrose is not so poor that she needs to defer action in this matter. We believe that the time has come for the erection of a good high school building, of such dimensions as will accommodate the growing wants of the school for many years, and of such a character in design and construction as will be creditable to our town.

We are happy to record that Melrose has not been behind her neighbors in the desire of her citizens that each of her school buildings should possess the national flag, which from its position above their roofs, may speak to the pupils of the great duties of patriotic citizenship, may stimulate and foster in each soul the feeling of love and fidelity to country, respect for good government, obedience to law, a jealousy of the nation's honor and renown, and thus make them worthy of their inheritance from the fathers.

The committee acknowledge the receipt of flags from the following citizens: Mr. J. D. Wilde, Maj. W. Irving Ellis, Hon. Wm. E. Barrett, citizens of the Highlands, through Master Bucknam, U. S. Grant Post 4, G. A. R., and of flags enough for the school buildings not otherwise provided for, from a committee of citizens headed by Mr. F. P. Shumway, Jr., and Mr. Geo. T. Brown, president of the Republican Club, to whose earnest efforts must be attributed in a great measure the success of this important movement to benefit our pupils.



To each and all of the above named, the committee express their sincere thanks, as well as to every citizen who joined in the undertaking.

The best lessons are object lessons, and it is for this object lesson on the national emblem that we return thanks.

This act tells every boy and girl in our town, in a very practical way, that our citizens love the "old flag"—that it means a great deal to them, and that they would have our sons and daughters hold it in the same estimation.

Such acts teach patriotism better than all the talk about it for years and years.

#### SCHOOL DISCIPLINE.

At a time when there is so much excitement on this subject in a neighboring city, it is a subject of congratulation to our town that its school discipline resorts to but little corporal punishment. We have but a few cases in the course of the year; in many of the schools there are none at all. Yet the visitor, as he passes from school to school, will see very little disorder, and scarce any insubordination.

There have been no cases of expulsion from school during the past year, and very few in which the committee have been called upon to act.

There will naturally be more of such cases in schools that make little use of corporal punishment as a means of enforcing obedience.

There is sometimes a misrepresentation on this point, and a pupil who has been sent home for the rest of the day, or until his parents can see the teacher, is spoken of as having been expelled from the school.

This is not true. A pupil can be expelled only by act of the school committee. Teachers have no power to expel; they can only suspend pupils, and refer the matter to the committee.

The expulsion of a pupil from our schools is of very rare occurrence. The writer does not recall a single case during his connection of three years with the committee.

It seems to us that it would be far wiser to restrict the term to its proper meaning, and not put upon pupils the stigma of an act that has never been performed.

The first essential to good discipline is obedience on the part of pupils. This should be prompt and cheerful.

Such obedience can be secured by insisting on such regulations and such a line of action as is manifest to all but the most stupid, or most vicious, to be for the good of the whole class of pupils.

Children of a comparatively youthful age can be taught that such liberty of action as can be allowed in the homes or to small groups of children, is impossible to the members of a large company, each of whom is expected to act in unison with the other members.

They can be made to realize that school regulations in general are a necessity, and then can be made to feel that disobedience is a wrong thing.

With this idea firmly held to, the majority of children can be made to understand and recognize the duty of obedience, a very important step in moral training.

For the child that acquires the sense of an obligation to perform his duty, has laid the foundation for true manhood and is preparing for true service as a citizen and as a member of the great brotherhood of mankind. This work is the most important of any that our teachers can perform for our children.

To it they cannot address themselves with too much patient effort. It may be in some cases a discouraging and even an almost hopeless task, yet remembering, that the fate and character of the individual himself, and the happiness and well-being of the vast numbers with whom he will

be associated, and over whom he will exert an influence, depend on the growth of this element of his character, they will turn to the task again and again, until, perhaps encouraged by their interest, patience and perseverance, the child begins to try to do better. Then the victory is won. For none of us can do more than that, and that desire, if kept alive, will, by and by, shine with a pure and steady light, making plain and clear the pathway in which he will walk with steady and unfaltering steps.

In bringing about this result it is desirable that parents should work with the teachers.

Sometimes, unfortunately, this is not the case. Parents have been known to direct their children to disobey the commands of their teachers.

They have been known to tell their children deliberately to do certain things, if a request to do them was refused by a teacher.

How can it be expected that such children will be respectful, orderly and obedient? If the day of miracles had not passed, and the relations of cause and effect were out of existence, we might expect good results from such parental discipline, but at the present day we expect trouble with such children and generally get it.

Teachers may make unwise regulations, and unnecessary restrictions; fortunately they are human, and liable to err; but the wise course is to call their attention to the defects, to show how and why they are defective, and thus bring about a remedy.

Many a teacher being human, can see an opportunity and a way to improve when a matter is presented candidly and calmly so that its relations to the home and the individual pupil may be seen as well as its relation to the school, which may have been the most prominent, who would turn a deaf ear at once to a rude message delivered by an impu-

dent boy, or become too angry at a sarcastic, or dictatorial letter to view a matter fairly.

There are rights and duties on all sides of this matter, and whoever ignores any of them is likely to be biased in opinion and partisan in action.

Fairness is always to be borne in mind, and an attempt to look at the matter from opposite standpoints often is helpful to both teacher and parent.

One phase of this subject deserves a more than passing notice. It is the dismissal of pupils during the session at the request of parents.

It seems to be the opinion of many parents that they have the right to have their children come out of school at any time. We cannot think this position correct.

As a matter of courtesy, the teacher may allow the pupil to go home before the end of the session, as the parent might allow him to go to school an hour before the time for beginning the session, if the teacher should request it.

But neither party has the right to demand any such thing of the other, and consent or refusal in either case must naturally depend on circumstances, and on judgment as to the relative importance of the ways in which the pupil's time is to be occupied.

As a matter of fact, we suppose that the cases in which a request for dismissal is refused are rare, and recommend the continuance of the present practice, with the caution that, like tardiness, dismissals are injurious to the progress of the pupils themselves and of the school, and consequently should be kept by parents at a minimum number.

#### THE HIGH SCHOOL.

Certain questions have been asked during the past year that deserve notice.

First, we have to consider why do so many pupils leave

school before completing the course of study? In order to answer this question properly we must answer one more. Is our high school different in this respect from high schools in general? If so, we must look for some special cause or causes; if not, we may seek for the causes that operate to produce this in most high schools.

The writer can speak on this point from an experience of many years, and regrets to say that in this matter Melrose is no exception to the general experience in the high schools of the State.

In a three years' course of study, less than one-half of those that enter the school graduate, and in a four years' course the number is still smaller in proportion.

In our high school, for the last three years, the classes have numbered at graduation a little under one-half of their number on entering the school. Thus we see that the causes must be sought in some general conditions that apply to pupils of high school age.

It is not difficult to find some of these causes. The first may be said to be physical. The age of pupils has something to do with their mental as well as physical condition. The high school age is from fourteen to eighteen—the period of most rapid growth physically, and consequently of greatest weakness so far as endurance goes. It is the time when questions of health and a sound body are of the highest importance. There are every year, on account of ill-health, quite a number of pupils that are obliged to be irregular in attendance, and consequently fall behind in their work. Too many of them drop out of school on this account, when it would seem wiser to do less studying in any one year, and prolong their course of study a year or two.

There is always a certain contingent in every class that enters the high school to see "how they will like it," and

with no particular purpose beside. They mean to stay a year or two years, until they are old enough to go to work, and then to leave. Quite often they "like it" and remain for the whole course; but more often they carry out their original intention.

It is the general experience of high school teachers that the pupils who come to the high school to "try it" do not come intending to stay, but usually to please the fond parents, who *advise* their children to go and see how they like, with the understanding that they are to stay only so long as everything meets their approval.

Some pupils are obliged to leave for the reason that they are needed at home, sudden and unexpected changes making it clearly a duty to give up school.

A few pupils every year are taken out of school and sent to other schools. There are many reasons for such action given to the committee, but in no case has a complaint been made to the committee that the parent was dissatisfied and proposed to take his child away, unless the causes for dissatisfaction could be removed.

Sometimes it is the wisest course to change entirely the surroundings and associates of a young person, that a fresh start and a better start may be made.

It is not unfrequently the case, that parents, whose children are preparing for college, think it an advantage to send them to a school devoted to that special work, and they are quite right, but in answer to the question, "Why are people obliged to do this?" which has been asked, we must answer that they are not obliged to do it.

The following list of graduates and the institutions they have entered, answers this question.

CLASS OF 1887.

Frank A. Ingersoll, Boston University.

Wm. E. Keating, Institute of Technology.



K. Wm. Mansfield, Institute of Technology.  
Hubert G. Ripley, Institute of Technology.

## CLASS OF 1888.

Minnie E. Backer, Wellesley College.  
Lillian S. Crocker, Wellesley College.  
Hattie D. Field, Boston Normal School.  
Blanche S. Jacobs, Boston Normal School.  
Sarah E. Morse, Boston University.  
E. Annie Whelden, Smith College.  
Ernest W. Emery, Bates College.  
Frank B. Holmes, Institute of Technology.  
Walter H. Norris, Institute of Technology.  
Fritz H. Small, Harvard University.

## CLASS OF 1889.

Marion E. Bradbury, Wellesley College.  
Helen L. Burr, Wellesley College.  
Lillian K. Morse, Smith College.  
Ambrose C. Dearborn, Harvard University.  
Frederick L. Hoffman, Bates College.  
Julian C. Woodman, Bates College.

The whole number of graduates in these three classes is fifty-eight, and the above list shows nineteen in higher institutions, for which they were prepared in our high school.

If others cannot do what these have done, the fault must lie outside the school.

It must be borne in mind, however, that it is not the chief business of the school to prepare for higher institutions. More than two-thirds of its pupils are in school for a different purpose. They do not do the same work, nor can the standard be quite the same as in a school whose pupils are all preparing for college, and this must react to some extent on the pupils who are taking the college course.



It is, therefore, manifestly unfair and unjust to expect that our pupils that graduate in the college course should have the same preparation as do others that graduate at Exeter, at Andover or at the Latin Schools of Boston — schools in which the course of study is usually a year longer, and which have made a specialty of that kind of work for a long period of time.

Our high schools are recognizing the disadvantages under which they labor in this respect, and are beginning to make their "College Courses" five years in length. It is not impossible that we may be obliged to do the same. We have presented this view of the case, not to make any argument in the matter, but to call attention to the facts. Least of all would we be thought to entertain the idea that our high school is not capable of improvement. It is the business of the committee to try to improve it as well as all the schools, and to that end they crave the suggestions of parents and friends.

#### OTHER SCHOOLS.

The record of these schools during the past year is remarkable for the changes in the teaching force employed in them.

Two teachers, Miss Bisbee and Miss Hersey, were out the whole school year on account of the state of their health.

The committee were fortunate in securing the services of Miss Mary French for Miss Bisbee's class, and are gratified to speak of her work as showing excellent power as an instructor, and a very high character as to discipline.

Miss Hersey's class was taken under the care of Mrs. Della H. Crosby, who came highly recommended, and whose work was so satisfactory that the committee were glad to give her a permanent appointment at the first opportunity.

During the year, it became necessary for Miss Fairbanks and Miss Barrett to give up their work.

It was no easy task for the committee to obtain teachers who would satisfactorily take these classes in the middle of the year, and complete the work laid down for them to do.

In the first grammar school this seemed to the committee especially difficult, for who should take up the reins of control, that illness alone could take from the hands of a teacher, whose record for excellence of work, and for the friendship, and enthusiastic admiration of her pupils was so great? No wonder we hesitated. But something had to be done and that without delay.

It was decided to put the work that Miss Fairbanks had to lay down, into the hands of Miss Swett, who had been the teacher of a portion of the pupils a year before.

Entering upon her work with hesitation, yet with the determination to succeed, it is not too much praise to say that her efforts were crowned with a triumphant success.

The committee desire to express to Miss Swett, and to the faithful assistant, Miss Sweetser, their thanks for the zeal, patience and hard work that they put into their school the last half of the year.

We were not so fortunate in Miss Barrett's case, and regret our inability to procure a teacher who could successfully carry on the work as it should have been done.

We speak with commendation of the work of Miss Swett's substitute, a lady who was mistress of the class from the first, and who pursued definite objects, and obtained definite and satisfactory results.

The number of pupils in the Lynde street building became so small last year, that it did not justify the maintainance of two schools this year, and the pupils were all put into one room, constituting what is called a mixed school, which was placed under Miss Ellis.

It is with regret that the committee announce the retirement from our corps of teachers of Miss Mary I. Hersey, the teacher of the Grove street primary school for many years. Continued ill health convinced her that her only course was to resign, and by a long rest strive to restore her partially exhausted system to its normal condition.

She was a good teacher in all respects, and her departure is a great loss to our primary schools.

Miss Gertrude Smith of the Fells primary school also resigned during the early part of the present school year, to accept a position as a teacher of elocution in another state, and a little later Miss Marion Morgan resigned at the Ripley school, on account of the removal of her family from the state.

While obliged thus to chronicle the departure of several of our teachers, we are happy to report that in the main the losses have been made good and that our schools are progressing favorably.

At the beginning of the school year in September, the committee put into operation a plan for making the important study of drawing effective throughout the whole school system, by appointing a teacher who should superintend that branch of study in all the schools. Miss Elizabeth Creveling was selected out of many applicants as the teacher, and the progress made in that study up to the present time seems to justify the action of the committee.

Miss Creveling's experience as teacher of that branch in the State Normal School at Framingham, makes her well qualified to put our teachers on the right way as to plan and methods, and we hope next year to present a carefully prepared plan for a progressive course in this study through all grades of our schools.

Attention is respectfully called to the course of study herewith presented, to the rules and regulations of the com-

mittee and for the conduct of the schools, which have been revised during the year, and are presented in their new form, and to the other facts and statistics, presented as usual in this report.

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## SCHOOL REGULATIONS.

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1. The committee shall meet for organization on the first Tuesday following the town election in March.

2. At the first meeting of the board a chairman and a secretary shall be chosen by ballot.

3. At the first regular meeting after organization, the chairman shall nominate for election by the board, committees of three members each, as follows:—three district committees (one for each of the three districts), a committee on text-books and course of study, and a committee on accounts.

4. The first-named member of each committee shall be its chairman.

5. The high school committee shall consist of all the members of the board.

6. The districts shall be named as follows:—The Highland district, the Centre district and the Wyoming district. The Highland district shall include the Franklin, the West, the Green street and the Upham street schools. The Centre district shall include the Emerson street, the Vinton street and the Centre schools. The Wyoming district shall include the Grove street, Lynde street, Fells and Ripley schools.

7. Regular meetings of the board shall be held on the third Tuesday of each month, excepting July and August.

8. The chairman shall call a special meeting of the

board whenever he may deem it necessary, or at the request of any two members.

9. The secretary shall give notice to the members elected at the annual town meeting of the time of meeting for reorganization.

10. The three district committees shall have the immediate direction of the schools in their respective districts, and shall visit them as often as practicable. It shall be their duty to give advice to the teachers of their respective schools relative to discipline and other subjects requiring counsel ; and in case of any difficulty between the teachers and the parents or guardian of the pupils, they shall settle the same in such manner as the merits of the case may seem to require, not denying to any parent, guardian or teacher an appeal to the whole board. When the office of teacher in any school shall become vacant, they shall, as soon as possible, fill such vacancy temporarily, and report their action at the next meeting of the board.

11. The text-book committee shall recommend to the board such books as they may think necessary for the schools ; and no book shall be adopted by the board, to be used as a text-book in the schools, unless the same shall previously have been reported on by this committee.

12. The committee on accounts shall examine all bills authorized by the board, and report the same to the board for final action. They shall also present to the board, at or before the meeting in February, annually, an estimate of the expenses of the public schools for the next fiscal year.

13. At the appointed hour, the chairman shall call the meeting to order, and cause the record of attendance to be taken. In the absence of the chairman, the secretary shall preside until a chairman *pro tempore* shall have been elected, Business shall proceed in the following order :

1. Reading the minutes of last meeting.

2. Unfinished business of preceding meeting.
3. Reports of Committees.
4. Miscellaneous business. (Under this head the allowance of bills shall be first attended to.)

14. Teachers shall be appointed and their salaries voted annually at the first meeting in June ; the school year beginning the first Monday in September.

15. Teachers shall be paid monthly during the school year.

#### TIME FOR SCHOOL SESSIONS.

16. The school year shall consist of forty weeks, beginning the first Tuesday in September.

17. The following holidays shall be granted : Every Saturday, New Year's Day, Washington's Birthday, Fast Day, Memorial Day, June 17th, Thanksgiving Day and Christmas Day. The vacations shall be : The week following Christmas ; the Friday after Thanksgiving ; one week beginning the fourth Monday in February ; one week beginning the fourth Monday in April ; from the close of the summer term to the first Tuesday in September. No other holidays or vacations shall be granted unless by written permission of the chairman of the committee.

18. The daily session of the high school shall begin at 8 A.M. and close at 1 P.M., with a recess of half an hour. The sessions of all other schools shall be from 9 to 11.40 A.M., and from 2 to 4 P.M., except during November, December and January, when the afternoon session shall be from 1.40 to 3.40.

19. In case of stormy weather, the chairman of the committee may give notice of "no school," by striking number 44 of the fire alarm half an hour before the time for beginning the session.



20. Teachers shall have their schoolrooms open for the admission of pupils fifteen minutes before the beginning of each session.

21. Teachers shall not absent themselves from school or procure substitutes, without the consent of some member of the sub-committee of that district. All absences are to be distinctly recorded in the school registers. But, for the purpose of observing modes of discipline and instruction, teachers may visit other schools for one-half day in each term, at such times as may be arranged between them and the sub-committee of the respective schools. Substitutes shall be paid by the teachers for whom they substitute five-sevenths of their salary, unless the committee vote otherwise.

22. Teachers are required to report all damages to school property, unless repairs are immediately made at the expense of parent or guardian.

23. Teachers shall not detain pupils after the close of the morning session, nor more than thirty minutes after the close of the afternoon session.

24. Teachers may temporarily suspend pupils only for direct insubordination or for persistent opposition to authority, informing the parent or guardian and the committee at once of such suspension, and the reason therefor.

25. "The several school teachers shall faithfully keep the registers furnished to them, and make due return thereof to the school committee; and no teacher shall be entitled to receive payment for services until the register, *properly filled up and completed*, shall be so returned." (Extract from the Revised Statutes.) Teachers shall be required to give a fortnight's notice of resignations.

26. Teachers shall be held responsible for good order and neatness in the schoolhouse and on the grounds, and for the preservation of the furniture, books and apparatus in the school-rooms.



27. Every case of corporal punishment, which should be resorted to only after mature deliberation in extreme cases of breach of discipline, must be reported at once, in writing, to the chairman of the committee. Said report shall state the name and age of the pupil, the nature of the offence and the amount of punishment. Teachers shall also make such other reports as the committee may order.

28. When a pupil does not attain the required per cent. for promotion, by reason of sickness, unavoidable absence, or other causes requiring consideration, the circumstances will be reported by the teacher, to be passed upon by the committee.

29. It shall be the duty of all the teachers to give vigilant attention to the ventilation and temperature of their schoolrooms, which should be thoroughly aired at recesses and at the end of each session.

30. No teacher shall contract a bill for repairs on any school buildings, furniture or grounds, nor purchase any article to be charged to the town.

31. In case of absence, tardiness or dismissal before the close of the session, a written excuse from the parent or guardian shall be required. The younger classes in primary schools shall be dismissed at the middle of the session.

32. No pupil shall be admitted to any public school without a permit from some one of the committee, who will require satisfactory evidence that the child is five years of age and has been vaccinated; and no pupil shall be admitted to any of the primary schools except during the first two weeks of September and March, unless qualified to enter existing classes.

33. No pupil will be allowed to attend school while any person residing in the same house is sick with small-pox, diphtheria or scarlet fever, or during a period of two weeks from the death, recovery or removal of such sick person.

34. No non-resident child, nor one who has only a temporary residence in the town, shall be received or retained in any school, except with the consent of the school committee, who may require parent or guardian of such child to pay the average cost per scholar in such school for the time the child is instructed there.

35. No deviation from the course of study prescribed by the committee shall be permitted, and no pupil shall be advanced or put back in grade without the consent of the committee.

36. Pupils guilty of defacing or injuring schoolhouses, school furniture, out-buildings, fences or school property in general, shall be subject to such penalty as the statute prescribes or the committee deem proper.

37. Public announcements of any nature, either verbal or printed, not connected with the public schools, must not be made or distributed without the consent of the chairman of the committee.

38. The duties of the several janitors shall be to *sweep and dust each schoolroom and entry twice every week*; to wash the floors and windows during each of the vacations of May and November; to clean and wash all out-buildings as often as is necessary to keep them perfectly clean; to keep steps and paths free from snow in winter, and the yards clean and in good order; to report to teachers all injuries to property; to see in cold weather that the schoolrooms are at a proper temperature half an hour before the time for beginning each session of school, and that doors and windows are locked at night and during vacations.

39. Janitors shall not contract any bill for repairs on any of the school buildings, furniture or grounds, nor make any purchase of any article to be charged to the town, unless authorized by the committee.

40. The supply agent shall be at the committee rooms each day of the first week of fall term, and each Tuesday during term time throughout the year, from 11 to 12 M. The agent's duties shall be to purchase and issue to the schools such books and supplies as are ordered by the committee ; to keep a correct account of books and supplies received, issued and on hand, and to have such account open at all times to the inspection and for the information of the committee ; in June of each year to make a thorough inspection of the books in hands of pupils of the several schools, in order to promote the care of the same, and report whatever may be necessary to the committee for their action or information ; to adjudge damage in case of gross carelessness or wanton destruction of books, to the end that parents shall make restitution in such cases.

41. No books or supplies shall be furnished to teachers or janitors, except upon written requisition from them made upon blanks furnished by the committee.

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## COURSE OF STUDY

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In Melrose, with a brief account of the work of each grade of schools in the various studiss.

### FIRST YEAR'S WORK, PRIMARY GRADE.

*Number.*—Counting to one hundred. Practice in making figures. Various combinations in addition, subtraction, multiplication, and division to ten.

*Reading.*—Blackboard work. One hundred written words and half as many sentences. Monroe and Appleton charts, also using blackboard. Monroe and Interstate Primers ; Parker's Supplementary First Reader, and first half of

Barnes' New National First Reader, and Lippincott's Beginner's First Reader.

*Music.*—Tonic sol-fa.

*Writing.*—Capitals and small letters. Simple words and sentences. Name, town and state. Months and seasons.

*Drawing.*—Sphere, cube and cylinder. Modeling in clay. Paper cutting, folding and pasting. Designs.

*Language.*—Simple sentences teaching use of capitals and of period, interrogation and exclamation points. Letter writing. Every lesson a language lesson.

*Physical Exercises.*

*Lessons on Human Body.*

*Object Lessons.*

*Memory Gems.*

*Morals and Manners.*

## SECOND GRADE.

*Reading.*—The last half of the Beginner's book, and Barnes' First Reader. Supplementary Reading.

*Numbers.*—All combinations to 20 taught. The "Number Game," number cards, number stories and pigs used as supplementary. Various devices for "busy work." Roman Numerals to 100.

*Spelling.*—Words selected from reading lesson. Names of objects, &c.

*Writing.*—Book No. 1, lead pencil course, finish.

*Punctuation.*—Period, comma, question mark.

*Drawing.*—Forms taught from objects and by moulding. Drawn on slate, paper and blackboard. Different forms combined to bring out design, color and harmony.

*Object Lessons.*—Various subjects.

*Lessons on Morals, Temperance and Politeness.*

## THIRD GRADE.

*Arithmetic*.—Combinations from 20 upward. Reading and writing of numbers to hundred-thousandths. Examples taught in addition, subtraction, multiplication and short division. Franklin Primary Arithmetic finished.

*Geography*.—Oral lessons, including forms of land and water, points of direction and geography of Melrose.

*Reading*.—Monroe's Second Reader finished. Supplementary reading.

*Spelling*.—First Section of Meleney's Speller, and words selected from readers.

*Language*.—Simple lessons, including stories written from pictures. Stories reproduced. Letter writing. Sentence making. Use of capitals and punctuation.

*Writing*.—Harper's Copy Book No. 1, finished.

*Drawing*.—Oral lessons on form, using objects. Prang's Drawing Book No. 1, finished.

## FOURTH GRADE.

*Arithmetic*.—Written arithmetic as far as fractions. First three sections of Eaton's Mental Arithmetic.

*Geography*.—Butler's Elementary Geography to South America.

*Reading*.—Appleton's Third Reader finished. Supplementary reading.

*Spelling*.—Section Second and half of Section Third of Meleney's Speller.

*Language*.—Stories written. Letter writing.

*Sentence-making*.—Use of capitals. Punctuation.

*Writing*.—Harper's Copy Book No. 2, finished.

*Drawing*.—Oral lessons on form, using objects. Prang's Drawing Book No. 1, finished.

## FIFTH GRADE.

*Written Arithmetic.*—Greenleaf's Complete. Beginning of book to page 95. Subjects, fractions, common. Review of addition, subtraction, multiplication and division.

*Intel. Arithmetic.*—Eaton's. Sections III, IV, V. Pages 48 to 101 inclusive.

*Spelling.*—Meleney's. Pages 18 to 58 inclusive. Monroe's Spelling Blanks.

*Geography.*—Butler's Elementary. Begin page 86, finish book. Subjects, South America, Europe, Asia, Africa, Australia. Rudimentary Map Drawing.

*Language.*—Hyde's Practical Lessons. Whole of book I. Letter and story writing.

*Drawing.*—Prang's Shorter Course. Introductory book. Three lessons a week, including drawing teacher one-half hour.

*Writing.*—Harper's No. 3. Three lessons a week.

*Music.*—Tonic sol-fa, No. 2, daily. Mr. Benson one-half hour, fortnightly.

*Reading.*—Munroe's Third.

*Physical Exercise, daily.*

*Physiology and Temperance.*—Once a week or oftener.

## SIXTH GRADE.

*Geography.*—United States and other countries of North America. Subjects completed. (Butler's Complete Geography.)

*Arithmetic.*—Work in Common Fractions extended and reviewed. Practical work. Decimal Fractions, completed. Compound Numbers. Mensuration, subjects completed. Oral work in the subjects taught. (Greenleaf's Complete Arithmetic. Eaton's Intellectual Arithmetic.

*Languages.*—Analysis of simple sentence. Parts of



speech, with technical names. Modifications of parts of speech, omitting the verb. Simple parsing. Punctuation, composition, letter and story writing. (Swinton's Language Lessons.)

#### SIXTH GRADE.

*Reading.* — Fourth Reader, completed. Supplementary Reading. (Appleton's Fourth Reader.)

*Spelling*, from Worcester's Speller, and selections from other studies, and words in common use. Oral and written work.

*Spelling.* — Harper's No. 3, completed. Daily outside practice and drill.

*Drawing.*—Three lessons per week, one given by special teacher. (Prang's Elementary Course.)

*Singing* (tonic sol-fa) daily. One lesson fortnightly, by special teacher.

#### SIXTH GRADE.

Oral lessons each week in physiology, and selected subjects.

Gymnastics each session.

#### SEVENTH GRADE.

*Reading.*—Munroe's New Fourth Reader.

*Supplementary.*—The Making of New England.

*Reading*, in connection with the study of Geography.

*Spelling.*—Oral and Written. Worcester's Spelling-book. Words selected from daily studies. Attention given to Syllabication.

*Writing.*—Harper's Writing Charts and books used. Daily exercises on Practice Paper, for holding the pen and for rapid movement.



*Arithmetic.*—Review of Reduction and Decimals. Percentage, including Profit and Loss, Commission, Insurance, Interest and Bank Discount. Mental Exercises.

*Geography.*—Butler's Complete. South America, Europe, Asia and Africa. Review New England States. Map Drawing.

*Language.*—Punctuation, Parsing and Analysis of Complex and Compound sentences. Exercises in correcting false syntax.

*Compositions.*—On simple subjects. Reproduction of Prose and Poetry. Letters.

*Declamation.*—Once in six weeks for each pupil.

*Drawing.*—Form Study, Free-hand Drawing, Perspective and working drawings of models. Instruction in simple design.

*Vocal Music.*—Tonic Sol-fa Music Course, Book III, first half of year. Staff notation, supplement to Book III. Last half, reading from staff in all keys.

*Physiology and Hygiene.*—Oral Lessons.

#### EIGHTH GRADE.

*Reading.*—Appleton's Fifth Reader, first half of the year.

*Supplementary Work.*—Geographical Reader, American Poems, American Prose, etc., last half of the year.

*Spelling.*—In connection with the other studies. Instruction in the significance of prefixes and suffixes, definitions.

*Writing.*—Harper's Series. Movement exercises, practice on paper.

*Arithmetic.*—Greenleaf's Complete Arithmetic. Simple proportion, partnership, square root, practical mensuration. Daily mental exercises. Review of the book.

*Geography.*—General review. Much attention given to map drawing.

*History.*—Eclectic History of United States. Readings

from other histories, with occasional written exercises.

*Language*.—Syntactical parsing and analysis of sentences. Exercises in correcting false syntax.

*Composition*.—On topics developed from reading or oral instruction; business forms, letters, orders, bills of purchase, promissory notes, receipts, etc.

*Declamation*.—Monthly for each pupil.

*Physiology*.—Steele's Fourteen Weeks in Physiology, with Yaggy's Charts. Simple experiments and illustrations.

*Drawing*.—Free-hand drawing. Prang's Introductory Book. Perspective and making drawings of models. Drawing from dictation, from memory, and from the blackboard.

*Vocal Music*.—Whiting's Third Music Reader, with exercises in minor scales and chords, from the blackboard.

*Physical Culture*.—One hour a week.

#### MELROSE HIGH SCHOOL. FIRST YEAR.

First Term. College Course. Latin, Reader, 5\* ; Algebra, 4 ; History of England, 3 ; Rhetoric, 2.

Latin Course. Latin, Reader, 5 ; Algebra, 4 ; History of England, 3 ; Rhetoric, 2.

English Course. Civil Government, 4 ; Algebra, 4 ; History of England, 3 ; Rhetoric, 2.

Second Term. College Course. Latin, Reader, 5 ; Algebra, 4 ; History of England, 3 ; Rhetoric, 2.

Latin Course. Latin, Reader, 5 ; Algebra, 4 ; History of England, 3 ; Rhetoric, 2.

English Course. Civil Government, 4 ; Algebra, 4 ; History of England, 3 ; Rhetoric, 2.

Third Term. College Course. Latin, Reader, 5 ; Algebra, 4 ; History of Greece, 3 ; Rhetoric, 1.

Latin Course. Latin Reader, 5 ; Algebra, 4 ; History of Greece, or Book-keeping, 3 ; Rhetoric, 2.

\* Number of recitations per week.

English Course. Book-keeping, 4 ; Algebra, 4 ; History of Greece, 3 ; Rhetoric, 2.

Fourth Term. College Course. Latin, Reader, 5 ; Algebra, 4 ; History of Rome, 3 ; Rhetoric, 2.

Latin Course. Latin, Reader, 5 ; Algebra, 4 ; History of Rome, or Book-keeping, 3 ; Rhetoric, 2.

English Course. Book-keeping, 4 ; Algebra, 4 ; History of Rome, 3 ; Rhetoric, 2.

#### SECOND YEAR.

First Term. College Course. Latin, Cæsar, 4 ; Greek, Anabasis, 5 ; Algebra, 4.

Latin Course. Latin, Cæsar, 4 ; Civil Government, 3 ; Algebra, 4 ; Rhetoric, 2.

English Course. French, 4 ; Physics, 2 ; Algebra, 4 ; Rhetoric, 2.

Second Term. College Course. Latin, Cæsar, 4 ; Greek, Lessons, 5 ; Geometry, 4.

Latin Course. Latin, Cæsar, 4 ; Civil Government, 3 ; Geometry, 4 ; Rhetoric, 2.

English Course. French, 4 ; Physics, 2 ; Geometry, 4 ; Rhetoric, 2.

Third Term. College Course. Latin, Cæsar, 4 ; Greek, Lessons, 5 ; Geometry, 4.

Latin Course. Latin, Cæsar, 4 ; English Literature, 4 ; Geometry, 4.

English Course. French, 4 ; English Literature, 4 ; Geometry, 4 ; Physics, 2.

Fourth Term. College Course. Latin, Cæsar, 4 ; Greek, Anabasis, 5 ; Geometry, 4.

Latin Course. Latin, Cæsar, 4 ; English Literature, 4 ; Geometry, 4.

English Course. French, 4 ; English Literature, 4 ; Geometry, 4 ; Physics, 2.

## THIRD YEAR.

First Term. College Course. Latin, Cicero, 5 ; Greek, Anabasis, 5 ; Geometry and Physics, 4 ; English Literature, 2.

Latin Course. Latin, Cicero, 5 ; French, 4 ; Geometry and Physics, 4 ; English Literature, 2.

English Course. French, 4 ; Geology, 3 ; English Literature, 5.

Second Term. College Course. Latin, Cicero, 5 ; Greek, Anabasis, 5 ; Geometry and Physics, 4 ; English Literature, 2.

Latin Course. Latin, Cicero, 5 ; French, 4 ; Geometry and Physics, 4 ; English Literature, 2.

English Course. French, 4 ; Astronomy, 3 ; English Literature, 5.

Third Term. College Course. Latin, Cicero, 5 ; Greek, Anabasis, 5 ; Geometry and Physics, 4 ; English Literature, 2.

Latin Course. Latin, Cicero, 5 ; French, 4 ; Geometry and Physics, 4 ; English Literature, 2.

English Course. French, 4 ; Botany, 3 ; English Literature, 5.

Fourth Term. College Course. Latin, Cicero, 5 ; Greek, Anabasis, 5 ; Geometry and Physics, 4 ; English Literature, 2.

Latin Course. Latin, Cicero, 4 ; French, 4 ; Geometry and Physics, 4 ; English Literature, 2.

English Course. French, 4 ; Botany, 3 ; English Literature, 5.

Drawing and Rhetorical Exercises in all courses.

## FOURTH YEAR.

First Term. College Course. Latin, Virgil, 5 ; French, 5 ; Greek, Homer, 5 ; English Literature, 2.

Latin Course. Latin, Virgil, 5 ; French, 4 ; Geology, 3 ; English Literature, 4.

Second Term. College Course. Latin, Virgil, 5 ; French, 4 ; Greek, Homer, 5 ; English Literature, 2.

Latin Course. Latin, Virgil, 5 ; French, 4 ; Astronomy, 3 ; English Literature, 4.

Reviews of Mathematics in all courses.

Third Term. College Course. Latin, Virgil, 5 ; French, 4 ; Greek, Homer, 5 ; English Literature, 2.

Latin Course. Latin, Virgil, 5 ; French, 4 ; Botany, 3 ; English Literature, 4.

Fourth Term. College Course. Latin, Virgil, 5 ; French, 4 ; Greek, Homer, 5 ; English Literature, 2.

Latin Course. Latin, Virgil, 5 ; French, 4 ; Botany, 3 ; English Literature, 4.

1889.

*Palma non sine pulvere.*

# GRADUATION EXERCISES, MELROSE HIGH SCHOOL,

TOWN HALL, WEDNESDAY EVENING, JUNE 26,

Commencing at 8 o'clock.

## PROGRAMME.

### PART I.

OVERTURE.—"King Midas," . . . . . *Eilenburg*

MELROSE ORCHESTRAL CLUB.

CHORUS.—"On the Mountains," . . . . . *Kalliwooda*

BY THE SCHOOL.

SALUTATORY ESSAY.—The Advantages of Bible Study.

MARION E. BRADBURY.

ESSAY.—Melrose, Past, Present, Future.

ISADORA C. BARRETT.

RECITATION.—Selection from "Les Miserables."

MARY W. GATELY.

ESSAY.—Is the Annexation of Canada Desirable?

FRED A. SARGENT.

ESSAY.—Chaucer's Prologue.

EMMA L. LEIGHTON.

RECITATION.—"Robert of Sicily."

GRACE D. SMITH.

### PART II.

SELECTION from "Faust," . . . . . *Ch. Gounod*

ORCHESTRA.

CHORUS.—"The Quiet Valley," . . . . . *Tufts*

SCHOOL.

AWARDING OF THE PRIZES OF THE FRANKLIN FRATERNITY.

CLASS PROPHECY.

HENRY AUGUSTUS SMALL.

RECITATION.—"The Boat Race."

LILLIAN K. MORSE.

ESSAY.—Homeric Women.

HELEN L. BURR.

RECITATION.—"Lasca."

MELLISS H. MCKOY.

ESSAY AND VALEDICTORY.—Modern Heroism.

AMBROSE COLLYER DEARBORN.

AWARDING DIPLOMAS.

WALTZ.—"Santiago," (Spanish,) . . . . . *A. Corbin*

ORCHESTRA.

## NAMES OF GRADUATES.

L. ISADORA CARVER BARRETT.

L. GRACE DUTTON SMITH,

C. MARION E. BRADBURY.

L. LENNIE AMELIA WHITE.

C. HELEN LOUISE BURR.

C. AMBROSE COLLYER DEARBORN.

E. MARY WINNIFRED GATELY.

C. FREDERICK L. HOFFMAN.

L. EMMA LOUISE LEIGHTON.

L. J. WALTER NEWHALL.

E. MELLISS H. MCKOY.

E. FREDERICK AMASA SARGENT.

C. LILLIAN KIMBALL MORSE.

L. HENRY AUGUSTUS SMALL.

E. COLLETTA A. PARKER.

L. HARRY W. VINTON.

C. JULIAN CUSHMAN WOODMAN.

C. College Course. L. Latin Course. E. English Course.

## PARTS FOR GRADUATION.

*Selected for scholarship.*

Marion E. Bradbury.  
 Helen L. Burr.  
 Isadora C. Barrett.  
 Ambrose Collyer Dearborn.

*Selected for excellence in English composition,*

Lillian K. Morse.

*Selected by the class.*

Melliss H. McKoy.  
 Grace Dutton Smith.  
 Henry Augustus Small.

*Selected by the teachers.*

Mary Winnifred Gately.  
 Emma Louisa Leighton.  
 Frederick Amasa Sargent.

Honorable mention is made of the following scholars for excellence in literature and mathematics :

*First Class.*

## LITERATURE.

Marion E. Bradbury,  
 Helen L. Burr,  
 Ambrose Collyer Dearborn,  
 Lillian K. Morse,  
 Colletta A. Parker,  
 Isadora C. Barrett,  
 Emma L. Leighton.

## MATHEMATICS.

Marion E. Bradbury,  
 Helen L. Burr,  
 Fred. A. Sargent.  
 Fritz H. Small.

*Second Class.*

Grace C. Albee,  
 Grace L. Bradbury,  
 Grace B. Carr,  
 Edward A. Tucker,  
 Asa C. Pulsifer.

Grace C. Albee,  
 Herbert M. Cox,  
 Fred. H. Hodge,  
 Edward A. Tucker  
 James F. Pope.



*Third Class.*

|                    |                    |
|--------------------|--------------------|
| Sarah C. Bryant,   | Sarah C. Bryant,   |
| Alice M. Burr,     | Alice M. Burr,     |
| Sarah M. Fisher,   | Emma J. Norris,    |
| Maud L. Sanford,   | Maud L. Sanford,   |
| Mary L. Loring,    | Arline A. Merrill, |
| Etta M. Taylor,    | Wm. D. Collins.    |
| Fred. P. Woodbury. |                    |

*Fourth Class.*

|                       |                        |
|-----------------------|------------------------|
| Helen J. Bartholomew, | Helen J. Bartholomew,  |
| Maud H. Marshall,     | Maria L. Cass,         |
| Ellie L. Shapleigh,   | Sarah Conant,          |
| Harry R. Patten,      | Susie M. Flint,        |
| James H. Raisbeck,    | Roger M. Campbell,     |
| Albert E. Small.      | Eugene F. Ehler,       |
|                       | Albert E. Small,       |
|                       | Clifford P. P. Sprunt. |

## FRANKLIN FRATERNITY PRIZES.

Subjects selected for the literary prizes of the Franklin Fraternity :

*First Class.* The Spirit of the Rebel Angels, as shown by their speeches in Pandemonium.

*Second Class.* Any character or contrast of characters in "Merchant of Venice."

*Third Class.* The boyhood of Whittier.

*Fourth Class.* Feudal customs as shown in "Marmion."

Fraternity prizes were awarded as follows :

Literature, first prize, Evelyn C. Coggeshall.

" second prize, Helen Louise Burr.

Mathematics, first prize, geometry, Helen Louise Burr.

" " algebra, third class, Maud L. Sanford.

Mathematics, first prize, algebra, fourth class, Helen J. Bartholomew.

## GRADUATING CLASS OF FIRST GRAMMAR SCHOOL,

*June 27th, 1889.*

Harold P. Bale,  
Emma G. Baldwin,  
Royal P. Barry,  
Carrie L. Bemis,  
Henrietta Berry,  
Maude E. Brown,  
Mabel S. Brown,  
Nora L. Brown,  
Lizzie Bucknam,  
Arthur W. Burke,  
Grace I. Butterfield,  
Ashton L. Carr,  
Ellen M. Carr,  
Anita B. Clark,  
Roy S. Cleaveland,  
Ingersoll Coggeshall,  
Catherine W. Coombs,  
Richard B. Conner,  
Arthur L. V. Currier,  
Evelyn Dowling,  
Joseph P. Duffy,  
Harry M. Eastman,  
John H. K. Edwards,  
Mary E. Fanley,  
Grace E. Fernald,  
Walter H. Flanders,  
Warren E. Gilchrist,  
Charles F. Gourley,  
Annie E. Hawley,  
Jessie O. Henderson,  
Annie E. Howes,  
Ervin C. Hunnewill,  
Charles H. Hurd,

Frank W. Johnson,  
Harriet M. Jones,  
Annie S. Kiander,  
Grace M. Kirmes,  
Edward J. Kitching,  
John W. Kohr,  
Grace B. Leighton,  
M. Harlan Nims,  
Mary L. Norris,  
William J. Riley,  
Grace G. Robbins,  
Edith J. Sampson,  
Manley B. Sampson,  
Grace D. Sanford,  
Frank D. Shepard,  
Mary E. Slocum,  
Annie E. Small,  
George H. Smith,  
Mattie A. Smith,  
Helen W. Snow,  
Cyrus J. Spencer,  
Dwight C. Sturges,  
Inez V. Stickney,  
Charles A. Swan,  
Mary I. Taylor,  
John T. Timlin,  
Fannie M. Tucker,  
Florence E. Upham,  
Vernon Vaughan,  
Sarah S. Westgate,  
Mary L. Wilder,  
Francis C. Worthen.

## SALARIES OF TEACHERS.

| NAMES.                     | SCHOOLS.                | SALARIES. |
|----------------------------|-------------------------|-----------|
| Alonzo G. Whitman . . .    | High, Principal . . .   | \$2,000   |
| Clarimond Mansfield . . .  | " Assistant . . .       | 625       |
| Hattie G. Ricker . . . .   | " " . . .               | 625       |
| A. A. Ballou . . . . .     | " " . . .               | 800       |
| Harriet C. Fairbanks . . . | 8th Grade, Principal .  | 1,000     |
| Effie C. Sweetser . . . .  | " Assistant .           | 550       |
| Lucy W. Bisbee . . . . .   | 7th Grade, Emerson st.  | 600       |
| Alice M. Swett . . . . .   | " Vinton st. .          | 600       |
| Lydia Mendum. . . . .      | " Franklin              | 600       |
| Susan D. Melcher . . . .   | 6th Grade, Centre .     | 550       |
| Helen J. Barrett . . . .   | " Grove st. .           | 550       |
| Belle Mitchel . . . . .    | 6th & 5th Gr., Franklin | 500       |
| Mary J. George . . . . .   | 5th Grade, Centre       | 500       |
| Kate W. Bascom . . . . .   | " Grove st.             | 500       |
| Lillie J. Davis . . . . .  | 4th & 3d Gr., Centre    | 500       |
| Alma J. Guptill . . . . .  | " " Franklin            | 500       |
| Alice H. Long . . . . .    | " " Vinton st.          | 500       |
| Della H. Crosby . . . . .  | " " Grove st.           | 500       |
| Emma A. Weeks . . . . .    | " " Converse            | 450       |
| Lucy F. Demot . . . . .    | 2d & 2d Gr., Vinton st. | 500       |
| Mary E. Nye . . . . .      | 2d & 1st Gr., Converse  | 450       |
| Amelia F. Trowbridge . .   | " " Grove st.           | 450       |
| Isabel Chapin . . . . .    | " " Centre              | 500       |
| Emma L. Randlett . . . .   | " " Franklin            | 500       |
| Annie M. Ransom . . . . .  | 1st Grade, Vinton st.   | 450       |
| Annie Chadbourne . . . .   | Mixed school, Upham st. | 500       |
| Vacancy . . . . .          | " Ripley                | 450       |
| Florence M. Perry . . . .  | " Green st.             | 450       |
| Mary A. Plummer . . . . .  | " West                  | 450       |
| Florence Ellis . . . . .   | " Lynde st.             | 500       |
| Harry Benson . . . . .     | Music . . . . .         | 400       |
| Elizabeth Creveling . . .  | Drawing . . . . .       | 350       |
|                            |                         | <hr/>     |
|                            |                         | \$18,400  |

## JANITORS.

| NAMES.                     | SCHOOLS.                    | SALARIES. |
|----------------------------|-----------------------------|-----------|
| J. W. Boyce . . . . .      | High School . . . . .       | \$324     |
| Arthur Armington . . . . . | Cedar, Grove & Vinton sts.  | 600       |
| C. H. Fuller . . . . .     | Franklin, Green st. . . . . | 235       |
| W. F. Serrat . . . . .     | Lynde st. . . . .           | 100       |
| Joseph Emerson . . . . .   | Converse school . . . . .   | 100       |
| Eri Upham . . . . .        | Upham st. . . . .           | 60        |
| John Davis . . . . .       | Ripley . . . . .            | 60        |
|                            |                             | <hr/>     |
|                            |                             | \$1,479   |

## SUPPLY AGENT'S STATEMENT.

|                                                                                                    |          |
|----------------------------------------------------------------------------------------------------|----------|
| Value of text-books and supplies in stock, Jan.<br>1, 1889 . . . . .                               | \$596 05 |
| Value of text-books and supplies purchased from<br>Jan. 1, 1889, to Jan. 1, 1890 . . . . .         | 1,503 63 |
| Value of text-books and supplies issued to schools<br>from Jan. 1, 1889, to Jan. 1, 1890 . . . . . | 1,723 09 |
| Value of text-books and supplies in hand of<br>agent, Jan. 1, 1890 . . . . .                       | 376 59   |

A. K. MILLER,  
*Supply Agent.*

MELROSE, Jan. 1, 1890.

|                                        |     |
|----------------------------------------|-----|
| Books worn out and discarded . . . . . | 560 |
| " re-bound . . . . .                   | 306 |

Most of these books had been in use four or five years.

## SCHOOL STATISTICS.

| SCHOOLS.                                                     | Maximum Number,<br>Jan. 1 to July 1. | Average attendance,<br>Jan. 1 to July 1. | Maximum number,<br>Sept. 1 to Dec. 31. | Average attendance,<br>Sept. 1 to Dec. 31. | Number of pupils,<br>Jan. 1, 1890. | Per cent. of attend-<br>ance for the year. | Yrs. | Average age,<br>Dec. 31, 1889. |
|--------------------------------------------------------------|--------------------------------------|------------------------------------------|----------------------------------------|--------------------------------------------|------------------------------------|--------------------------------------------|------|--------------------------------|
| HIGH, First class.....                                       | 18                                   | 17.6                                     | 27                                     | —                                          | 25                                 | 96.1                                       | 17   | 4                              |
| Second class.....                                            | 15                                   | 14.3                                     | 25                                     | —                                          | 22                                 | 95.7                                       | 17   | 8                              |
| Third class.....                                             | 42                                   | 4.0                                      | 38                                     | —                                          | 35                                 | 98                                         | 15   | 4                              |
| Fourth class.....                                            | 48                                   | 4.4                                      | 55                                     | —                                          | 54                                 | 94                                         | 14   | 7                              |
| Totals .....                                                 | 123                                  | 115.9                                    | 144                                    | —                                          | 136                                |                                            |      |                                |
| 8th grade, Miss Fairbanks }<br>and<br>Miss Sweetser. } ..... | 94                                   | 83.2                                     | 100                                    | 93.5                                       | 97                                 | 93.8                                       | 14   | 6                              |
| 7th " " Bisbee .....                                         | 46                                   | 35.5                                     | 50                                     | 45.1                                       | 47                                 | 89.4                                       | 13   | 8                              |
| 7th " " Swett .....                                          | 45                                   | 38.9                                     | 48                                     | 42.9                                       | 45                                 | 94                                         | 13   | 4                              |
| 7th " " Mendum .....                                         | 43                                   | 37.7                                     | 54                                     | 39                                         | 39                                 | 91                                         | 13   | 2                              |
| 6th " " Melcher.....                                         | 50                                   | 41.5                                     | 57                                     | 49                                         | 54                                 | 84.2                                       | 12   | 7                              |
| 6th " " Barrett.....                                         | 55                                   | 49                                       | 59                                     | 52.3                                       | 56                                 | 94.5                                       | 12   | 7                              |
| 6th and 5th grade, Miss Mitchel.....                         | 64                                   | 51.7                                     | 45                                     | 38                                         | 40                                 | 91.1                                       | 11   | 7                              |
| 5th grade, Mrs. Bascom.....                                  | 56                                   | 47                                       | 53                                     | 48.5                                       | 52                                 | 94.3                                       | 11   | 6                              |
| 5th " Miss George .....                                      | 55                                   | 53                                       | 50                                     | 47                                         | 50                                 | 95                                         | 11   | 1                              |
| 4th and 3d grade, Miss Davis .....                           | 63                                   | 56.6                                     | 59                                     | 53.7                                       | 56                                 | 90.4                                       | 9    | 2                              |
| " " " " Guptill.....                                         | 56                                   | 43.4                                     | 48                                     | 42.6                                       | 45                                 | 91.3                                       | 10   | —                              |
| " " " " Ellis.....                                           | 25                                   | 20.4                                     | —                                      | —                                          | —                                  | —                                          | —    | —                              |
| " " " Mrs. Crosby.....                                       | 55                                   | 50.3                                     | 56                                     | 50                                         | 56                                 | 93.2                                       | 10   | 9                              |
| " " " Miss Long.....                                         | 52                                   | 47.2                                     | 54                                     | 50.8                                       | 52                                 | 93                                         | 9    | 9                              |
| " " " Weeks.....                                             | 34                                   | 28.4                                     | 33                                     | 29.2                                       | 33                                 | 94.8                                       | 9    | 6                              |
| 3d and 2d grade, Mrs. Dermot.....                            | 42                                   | 38.6                                     | 48                                     | 43.4                                       | 47                                 | 92.5                                       | 8    | 1                              |
| 2d and 1st grade, Miss Nye *.....                            | 23                                   | 17.9                                     | —                                      | —                                          | —                                  | —                                          | —    | —                              |
| " " " " Trowbridge ...                                       | 36                                   | 32.3                                     | 34                                     | 30.6                                       | 36                                 | 91.2                                       | 6    | 7                              |
| " " " " Chapin .....                                         | 67                                   | 54.3                                     | 68                                     | 53.8                                       | 63                                 | 94.9                                       | 6    | 9                              |
| " " " " Randlett.....                                        | 66                                   | 50.4                                     | 69                                     | 50.1                                       | 59                                 | 74.5                                       | 7    | 4                              |
| " " " " .....                                                | 51                                   | 25.6                                     | 39                                     | 32.1                                       | 39                                 | 89.6                                       | 6    | 6                              |
| 1st grade, Miss Ransom.....                                  | 51                                   | 47.3                                     | 58                                     | 52.8                                       | 56                                 | 95.1                                       | 6    | 3                              |
| MIXED SCHOOLS.                                               |                                      |                                          |                                        |                                            |                                    |                                            |      |                                |
| Upham street, Miss Chadbourne.....                           | 53                                   | 42                                       | 50                                     | 47                                         | 47                                 | 80.4                                       | 7    | 10                             |
| Green " " Perry.....                                         | 45                                   | 37                                       | 41                                     | 38                                         | 40                                 | 95.1                                       | 7    | 7                              |
| West " " Plummer.....                                        |                                      |                                          | 39                                     | 30.5                                       | 36                                 | 30.5                                       | 7    | 7                              |
| Lynde " " Ellis .....                                        |                                      |                                          | 49                                     | 39.6                                       | 45                                 | 88.7                                       | 8    | 8                              |
| Totals .....                                                 | 1350                                 | 1145.1                                   | 1405                                   |                                            | 1325                               |                                            |      |                                |

\* Miss Nye's first report is the Lynde street Primary; her second, the Converse Primary.

# WARRANT.

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*To either of the Constables of the Town of Melrose, in the  
County of Middlesex: GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of the town of Melrose, qualified to vote in elections and Town affairs, to meet at the Town Hall, on Monday, the third day of March, A. D. 1890, at 7 o'clock, A. M., then and there to act on the following articles, viz. :

ARTICLE 1. To choose a Moderator.

2. To see if the Town will vote to increase the number of Selectmen to five, on petition of George T. Brown and others.

3. To bring in their votes on one ballot for all necessary Town Officers.

4. Upon a separate ballot to bring in their votes in answer to the question, "Shall licenses be granted for the sale of intoxicating liquors in this town?" Form and size of ballots to be as prescribed in Chapter 49, Acts of 1886.

5. To choose any other Town Officers deemed necessary or required by law.

6. To authorize the Town Treasurer to borrow money for the purpose of meeting the demands of the town, with the approval of the Selectmen.

7. To raise money for Schools.

8. To raise money for School Contingent Expenses.

9. To raise money for Highways.

10. To raise money for Sidewalks.

11. To raise money for Crossings and Gutters.
12. To raise money for the support of the Poor.
13. To raise money for the Fire Department.
14. To raise money for lighting and care of Street Lights.
15. To raise money for additional Street Lamps.
16. To raise money for Police and Watchmen.
17. To raise money for Contingent Expenses.
18. To raise money to pay interest on the Town Debt.
19. To raise money for the Reduction of the Town Debt.
20. To raise money for the Public Library.
21. To raise money for the use of Water, in hydrants, public buildings, etc.
22. To raise money for the relief of needy soldiers and sailors as provided by Chap. 298, Acts of 1889.
23. To raise money for Salaries of Town Officers, and to fix the compensation of all officers and committees elected or appointed by the Town.
24. To raise money for Drainage, Bridges and Culverts.
25. To raise money for the purposes for which the Treasurer has been authorized to borrow and the Selectmen to expend during the past year, and for any other necessary expenses for the ensuing year.
26. To determine the method by which the taxes for the year shall be collected.
27. To authorize the Town Treasurer to issue Water Fund Bonds for the purpose of paying the cost of construction for the ensuing year.
28. To see if the Town will raise the sum of \$200 for keeping in repair and decorating the graves of Soldiers on Memorial Day.
29. To see if the Town will raise money to grade and improve the "Soldiers' Lot" in Wyoming Cemetery, as set apart by the Selectmen.
30. To see if the Town will appropriate the sum of \$200 to improve the Town Common, on petition of William N. Folsom and others.



31. To see if the Town will remove the ledges within the limits of High and Vinton streets and otherwise improve said streets, and raise money for the same on petition of William A. Burrell and 24 others.

32. To hear and act upon the report of the committee appointed Nov. 9, 1889, to procure plans, specifications and estimates for a High School Building, to select land, etc.

33. To see if the Town will build a High School Building, purchase land for the same, remove the present High School Building if necessary, and authorize the Treasurer to borrow money for said purposes.

34. To see if the Town will alter or amend the Town By-Laws relating to the keeping of swine, on petition of William N. Folsom and others.

35. To see if the Town will authorize the cemetery committee to build a barn on the Pratt farm.

36. To see what action the Town will take to meet the payment of the first issue of Water Fund Bonds at their maturity, July 1, 1890, to petition the Legislature for authority to issue additional bonds and to pass such other votes as may be deemed necessary in the premises.

37. To see if the Town will sell the lot of land on Main street, near the estate of Warren Lynde, and purchase other land in a more suitable location, and build a hose house thereon for the use of Hose Company No. 2, and raise or appropriate money for the same, by request of the company.

38. To see if the Town will place electric lights upon the following streets: At the corner of Trenton and Washington streets, an arc light, and two small electric lights on Trenton street between Washington street and Wyoming avenue, on petition of Joel W. Brown and 22 others.

39. To see if the Town will place electric lights at the corner of Cleaveland street and Wyoming avenue, and at the corner of Wyoming avenue and Ravine street, on petition of John Burns and others.

40. To see if the Town will alter, amend or annul a portion of Section 4, Article 2, of the Town By-Laws relating to the duties of Town Officers.

41. To see if the Town will build a sidewalk on Pleasant street its entire length from Wyoming avenue to Washington street, and raise or appropriate money for the same, on petition of H. F. Ehlert, the Boston Rubber Shoe Co., E. S. Converse and others.

42. To see if the town will grade Lebanon street from Second street to Grove street, and raise money for the same, on petition of Henry N. Cass and others.

43. To see if the Town will repair Wyoming avenue from the railroad crossing westerly to Stoneham line, and build a sidewalk along said avenue, and raise money for the same, on petition of John Burns and twenty-six others.

44. To see if the Town will raise or appropriate the sum of one hundred and fifty dollars to build gravel sidewalks on Grove street, on petition of Charles Boardman and twenty-four others.

45. To see if the Town will properly grade Gooch street, and raise or appropriate money for the same, on petition of William N. Folsom and others.

46. To see if the Town will grade and otherwise improve Botolph street and West Hill avenue from said Botolph street to Franklin street, and raise or appropriate money for the same, on petition of R. H. Watkins and twenty-two others.

47. To see if the Town will grade Walton Park, and raise or appropriate money for the same.

48. To see if the Town will build on the north side of Wyoming avenue a gravel walk from Cleaveland street to the estate of John W. Hensby, near Ravine road, and raise money for the same, on petition of A. C. Sibley and others.

49. To see if the Town will purchase a steam fire engine, with necessary equipments for the same, and raise or appropriate such sum of money as may be required.

50. To see if the Town will take the necessary steps to widen, deepen and clear from obstructions Ell Pond and Spot Pond brooks, on petition of Justus Geist and 129 others.

51. To see what action the Town will take in relation to the establishing of an electric plant for the furnishing of electric light.

52. To see if the Town will permit the property now owned by Mrs. M. A. Hunt adjoining the Jewish burying ground on Linwood avenue, to be used for the enlargement of said burying ground, and for cemetery purposes, on petition of Moses S. Page and others.

53. To hear and act upon the reports of committees, and for the transaction of any other business which may legally come before this meeting.

And you are directed to serve this Warrant by posting attested copies thereof at the Town Hall, each of the Post Offices and Depots of the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the Warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this Warrant, with your doings thereon, to the Town Clerk, at the time and place of said meeting.

Given under our hands this twenty-first day of February in the year one thousand eight hundred and ninety.

|                |                    |                   |
|----------------|--------------------|-------------------|
| LEVI S. GOULD, | } <i>Selectmen</i> |                   |
| J. P. DEERING, |                    | } <i>of</i>       |
| C. W. HIGGINS, |                    | } <i>Melrose.</i> |

A true copy. Attest,

ANSEL B. PIERCE, Constable.

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